IEEE P802.3-2022/Cor 1 (IEEE 802.3dn)

Major PAR form questions

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- The PAR form is completed on-line through the myProject system. Many of the PAR questions are pro forma and are automatically completed by selecting a "corrigendum" project.

- These slides propose responses to the major items from the PAR form to assist in consensus building leading up to approving a completed draft PAR form.

PAR item 1.1 – Corrigendum number

1.1 Corrigendum number: **1**

Help text: Corrigendum are identified by number after the project number and approval date of the standard. (ex. P1234-2009/Cor 1) If this is the first Corrigendum for this standard, please fill in "1". If it is not the first corrigendum for this standard, determine the number of the last corrigendum and fill in the next number accordingly.

PAR item 2.1 – Corrigendum title

2.1 Corrigendum title: **Multi-Gigabit Automotive MDI return loss**

PAR items 4.2 and 4.3 – Project dates

4.2 Expected date of submission of draft to the IEEE SA for initial Standards Association Ballot:

04/2024

Help text: Enter the date the draft standard is planned to be submitted to IEEE SA for Initial Standards Association Ballot.

4.3 Projected completion date for submittal to RevCom:

09/2024

Help text: Enter the date the draft standard is planned to be submitted to RevCom for processing (not to exceed four years from the date of PAR submission). It is suggested to allow at least six months after Initial Standards Association Ballot for the ballot process.

PAR item 5.1 – Project participation

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

15

Help text: This includes Working Group members and additional nonvoting participants.

PAR item 5.2a – Scope of the complete standard

5.2a Scope of the complete standard:

This standard defines Ethernet local area, access and metropolitan area networks. Ethernet is specified at selected speeds of operation; and uses a common media access control (MAC) specification and management information base (MIB). The Carrier Sense Multiple Access with Collision Detection (CSMA/CD) MAC protocol specifies shared medium (half duplex) operation, as well as full duplex operation. Speed specific Media Independent Interfaces (MIIs) provide an architectural and optional implementation interface to selected Physical Layer entities (PHY). The Physical Layer encodes frames for transmission and decodes received frames with the modulation specified for the speed of operation, transmission medium and supported link length. Other specified capabilities include: control and management protocols, and the provision of power over selected twisted pair PHY types.

[Unchanged.]

Help text: If this Corrigendum will change the scope statement of the complete document (base + Corrigendum), it can be edited and should be explained in the Additional Explanatory Notes field at the end of the PAR form. If this Corrigendum will not change the scope statement of the complete document the pre-populated text should be left as is.

PAR item 5.2b – Scope of the proposed changes

5.2b Scope of the proposed changes:

Corrections to MDI return loss Equations (149–27) and (165–42) and to Figure 165–38 'MDI return loss calculated limit in Equation (165–42)'.

Help text: State what the corrigendum is changing.

PAR item 5.3 – Project contingency

5.3 Is the completion of this standard contingent upon the completion of another standard?

No.

Help text: Your explanation should include how the standard is dependent upon the completion of another standard. Also, if applicable, why a PAR request is being submitted if the standard currently under development is not yet complete. The title and number of the standard which this project is contingent upon shall be included in the explanation.

PAR item 5.4 – Purpose clause

5.4 Will this document contain a purpose clause:

No.

Note: IEEE Std 802.3 does not contain a Purpose Clause.

PAR item 5.5 – Need for the project

5.5 Need for the Project:

There are sign errors in MDI return loss Equations (149–27) and (165–42) and in Figure 165–38 'MDI return loss calculated limit in Equation (165–42)' that need to be corrected.

Help text: The need for the project details the specific problem that the standard will resolve and the benefit that users will gain by the publication of the standard. The need statement should be brief, no longer than a few sentences.

PAR item 5.6 – Stakeholders

5.6 Stakeholders for the Standard:

End-users, automotive manufacturers, system integrators, and providers of systems and components (e.g., cameras, sensors, actuators, artificial intelligence processors, instruments, controllers, network infrastructure, user interfaces, and servers) for automotive applications.

Help text: The stakeholders (e.g., telecom, medical, environmental) for the standard consist of any parties that have an interest in or may be impacted by the development of the standard.