Pre-review Drafts

Steve Carlson (HSD, Bosch, Ethernovia)
Natalie Wienckowski (GM)

P802.3cy ad hoc November 23, 2021

Pre-task force review drafts

Before the Task Force (TF) review is started on D1.0, Project Editors typically prepare an initial, unofficial version(s) of the draft

- Such pre-TF review drafts have D0.x version numbers and:
  - Contain primary outline information to stimulate technical discussion and contributions
  - May contain material from other existing clauses with similar scope and coverage, to give a starting point for development of project-specific text
  - Are technically incomplete (and sometimes – technically incorrect) and represent collection of existing materials from other clauses, and editorial notes indicating the development directions for future draft versions

Pre-task force review drafts

D0.x draft versions are not balloted within the TF and are deposited in the private area for preview only

- Editors typically keep track of adopted baseline proposals and update the draft to make sure that the latest unofficial D0.x draft reflects the current status of TF consensus
- At some point of time, when TF believes the draft reaches the appropriate level of technical and editorial maturity, official TF draft D1.0 is created and TF review is started.

Material taken from 802.3 draft development process

Useful materials

Links to helpful material:

802.3 draft development process (Marek Hajduczenia – Charter)

IEEE 802.3 comment entry tutorial

Ignore the FileMaker comment tool and ASCII – use the comment spreadsheet

Examples of draft mark-up

Check draft for content added through Motions. Create comments for incorrect implementation or missing content.

Table 165–17—Test Points

Test Points	Description
TP0 to TP5	The channel including the transmitter and receiver differential controlled impedance PCB insertion loss and the link segment insertion loss.
TP1 to TP4	All link segment measurements are made between TP1 and TP4 as illustrated in xxx.
TP0 to TP2 TP3 to TP5	A mated connector pair has been included in both the transmitter and receiver specifications defined in 165.5.3 and 165.5.4(TBD).
TP2	Unless specified otherwise, all transmitter measurements defined in 165.5.3 are made at TP2.
TP3	TP3 represents the link partner's TP2 test point.

Figure 165–42—XXX

Examples of draft mark-up

Look for Editor's notes throughout the document. These indicate content that was brought in from other Clauses/PHYs or may indicate that additional work is needed to confirm the content.

45.2.1 PMA/PMD registers

Editor's Note (to be removed prior to start of the Working Group ballot): Reviewers are encouraged to consider whether the following "MultiGBASE-T1 registers" in Table 45-3 can be used "as-is" or if new registers are needed.

165.3.2.2.22 EEE capability

Editorial Note (to be removed prior to publication): The content of this subclause is open to discussion at this time and not officially approved. It was added into the draft to stimulate discussion.

Editor's Note (to be removed prior to the first Working group ballot): It is understood that 10 MHz may not be the preferred minimum frequency; however, as this is the approved minimum frequency for the link segment IL and RL it has been used here as well.

Examples of draft mark-up

Search for “TBD” throughout the document. This may be for a single number or a complete section of text. All TBD’s must be resolved prior to Working Group ballot.

105.1.3 Nomenclature

25GBASE-T represents Physical Layer devices using Clause 113 Physical Coding Sublayer (PCS), Physical Medium Attachment (PMA) sublayer, and baseband medium, for data communication at 25 Gb/s over a point-to-point 4-pair balanced twisted-pair medium. 25GBASE-T uses a combination of Reed-Solomon-FEC (RS-FEC) and low density parity check (LDPC) FECs in its physical coding sublayer that is mapped to a 128 double-square (DSQ128) constellation for transmission on 4-pair, twisted-pair copper cabling.

25GBASE-T1 represents Physical Layer devices using Clause 165 Physical Coding Sublayer (PCS), Physical Medium Attachment (PMA) sublayer, and <<TBD>>