

Resolving Unsatisfied Comments

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Unsatisfied Comments from d2p0

- ~~Waiting for response (prob. Satisfied): Opsasnick #250~~
- Comments on d2p1:
 - New features: Pjones #24, 25, 121, and 122
 - Type 0 Voltage/power: Paul #297
 - D-PLCA state diagram: McClellan #299
 - Mix Segment Return Loss: Schreiner #317
- 10BASE-T1S Relation: Zimmerman #188, 192
- Various (mostly testing): Ran

Ran Unsatisfied comments

- 74 & 77: issue is separation of normative requirements from informative text. Would like separation to an informative annex if not normative – TFTD – NO CHANGE
- 78: (Droop figure) – may drop the issue, TF to reconsider – CHANGED TO ACCEPT IN PRINCIPLE.
- 80: (Jitter) – commenter provided text for the testing – see slide 4 - DEFER TO 2.2
- ~~81: satisfied~~
- 82: (BER rate) – would like “This specification is satisfied” (vs. “may be considered satisfied”) –ACCEPTED IN PRINCIPLE (with remedy above).
- 85: (MDIO is optional) – wants ask force to consider whether the register bit mapping is optional – TFTD –DEFER – NEED PROPOSAL ON D2.2.
- 87: Editorial – asks for figures for IL & RL – editor can provide – ACCEPTED IN PRINCIPLE.
- 88: “two conductor” connection – See slide 5 – ACCEPTED IN PRINCIPLE.
- 95: “MPDs are current sinks” – See slide 6 – NO CHANGE

Comment 80: Jitter

- Suggests the following change for 188.6.4.3:
- Insert the following paragraph at the beginning of 188.6.4.3:
- Measurement of transmitter timing jitter is performed using a clock recovery unit (CRU) that acts as a high-pass jitter filter with a corner frequency of 1.25 MHz and a slope of 20 dB/decade. The clock recovery unit is fed either with the transmitted signal or with TX_CLK if it is provided.
- **RECOMMEND ACCEPT**

Comment 88: “Two Conductors”

- Suggests the following change for 188.9:
- Replace "two-conductor connection to the DTE" with "tapped connection from the trunk to the DTE" this is what is meant - tapped wiring vs. an actual adapter. In such wiring, 2 conductors go to the DTE, but there are 4 conductors involved in total.
- **RECOMMEND ACCEPT**

Comment 95: “Current Sinks”

- Suggests the following change for 189.5.2:
- Replace “MPDs are current sinks” with “MPDs draw power from the trunk” (or “draw current from the trunk”, but power is preferred)
- **RECOMMEND ACCEPT IN PRINCIPLE. TFTD as to which resolution**

THANK YOU!