IEEE802.3bu One Pair Power over Datalines Initial Working Group ballot comments

OK

CI 104 SC 104.5.2 P 53 L 26 # 296

Ran, Adee Intel Corporation

Comment Type ER Comment Status A OK

Clauses 96 and 97 are not included in IEEE Std 802.3-2015 - they are part of amendments 802.3bw and 802.3bp that is not listed in the introduction.

The fault tolerance requirements for both clauses are in 96.8.3. It would be a good service to the reader to point to the specific subclause.

In addition, reference to subclauses that are not part of this draft should be in forest green.

SuggestedRemedy

Add a listing of amendments 802.3bp and 802.3bw in the introduction (assuming they are expected to be published earlier).

Change the "of the appropriate specifying clause. (See clauses 96 and 97)" to "in 96.8.3." with numbers in forest green.

Response Response Status C
ACCEPT. EZ.

C/ 104 SC 104.5.3.1 P 53 L eq 1 # 241

Joseph, A ????

Comment Type TR Comment Status R

Change in return loss specificaiton will effect current BroadR-reach compliant 100Mbps PHY's. It should be left to the PHY vendor to determine if the PHY's can tolerate a higher return loss at < 2Mhz and not be forced by the specification. Impact of this would be different PHY's working with different inductor values. This choice should be left to the vendors.

SuggestedRemedy

Remove degradation in return loss from 1 to 2MHz. This comment is only for 100Base-T1

Response Status U

REJECT.

This relaxation of the RL was proposed by the PHY vendor for incorporation into Clause 104. See presentation pischl_3bu_1_0315.pdf for details.

This comment was added to the "unsatisfied list" during review of comment status when it was determined during the D2.2 generation that the D2.1 implementation did not match the defined remedy as agreed upon during D2.0 comment resolution.