PDCC Ad Hoc Closing Report

19 January 2023

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File Locations

- All files shown today can be found on the PDCC public site under the 16 Jan meeting section:
https://www.ieee802.org/3/ad_hoc/PDCC/public/index.html

Comments to 11801-9911

802.3-1	203-204	3.2		E	Capitalization is inconsistent for the 4p and 1p abbreviations, some locations use 4P and 1P instead (throughout the document). Going a step further, 4p and 1p versus 4-pair and 1-pair isn't a big text savings, hardly justifies an abbreviation.	Search throughout the document for 4P, 1P and replace with 4p, 1p. Suggest removing these abbreviations and replace all instances 4p/P and 1p/P with 4-pair and 1-pair.	
802.3-2	205	3.2		E	PoDL is not specific and can mean different things to different readers.	Replace: "PoDL Power over Data Line" With: "SPoE Single Pair powering as in IEEE Std 802.3, Clause 104". Search throughout the document and replace PoDL with SPoE.	
802.3-3	206	4		T	The title "Simultaneous operation of multiple single pair applications within a generic 4-pair cabling system" implies that these systems are compliant for generic 4-pair cabling systems.	Suggest modifying the title to: "Simultaneous operation of multiple single pair applications within an engineered system that includes generic 4-pair cabling components according to 11801-1:2017"	
802.3-4	309	5.6		T	"The DC current resistance is not system relevant as it is not specified by PoDL in IEEE,…" This sentence is missing a word and as written would be incorrect. Also, extra wording that is not required to make the point. PoDL in this instance really means single pair powering. This statement is also correct for single pair data transmission in IEEE 802.3.	Add unbalance after resistance: "The DC current resistance unbalance is not system relevant as it is not specified by IEEE 802.3 for single pair systems, PoDL…"	

Comments to 11801-9911

802.3-5	309	5.6			E	It's not clear what "the evaluation" is in this text. Change the text to make it clear where the requirements apply.	Replace: ", therefore the evaluation is based on the following assumptions:" With: ". Complaint 4-pair cabling can be expected to meet the following DC resistance unbalance requirements:"	
802.3-6	375	5.19			T	Typo, ISO/IEC 14762-2 should be ISO/IEC 14763-2.	Replace: ISO/IEC 14762-2 With: ISO/IEC 14763-2.	
802.3-7	399-408	5.20			T	The editor's note resulting from US07 must be replaced with text that discusses recommendations for the use of keyed connectors or other mechanical means to prevent accidental misconfiguration.	IEEE 802.3 does not make a specific recommendation for resolution of the editor's note resulting from US07 but believes that preventing accidental misconfiguration is an important consideration. A first step would be to take the text from the editor's note and insert into a new clause.	

Liaison cover letter

- Show: IEEE_802d3_to_SC25_0123_no2_draft.doc

Motion PDCC 1

- Move that the IEEE 802.3 Working Group approve: IEEE_802d3_to_SC25_0123_no2_draft.doc and Comments to 11801-9911_3N1334_WD_802d3.doc with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to ISO/IEC JTC 1/SC 25/WG 3

- M: Chad Jones
- S:

Draft Liaison to ISO/IEC JTC 1/SC 25/WG 3

- Show: IEEE_802d3_to_SC25_0123_draft.doc

Motion PDCC 2

- Move that the IEEE 802.3 Working Group approve: IEEE_802d3_to_SC25_0123_draft.doc with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to ISO/IEC JTC 1/SC 25/WG 3

- M: Chad Jones
- S:

Next ISO/IEC JTC 1/SC 25/WG 3 meeting

- End of February
- The delegation needs to attend to help resolve comments, particularly the ones submitted by 802.3
- The delegation needs to monitor progress of 11801-1 amd 1
  - Reminder that WG 3 has satisfactorily resolved the issues previously raised by IEEE 802.3. These can be found here: https://ieee802.org/3/minutes/jul22/outgoing/IEEE_802d3_contribution_to_SC25_Sept_2022.pdf

Motion PDCC 3

The IEEE 802.3 delegation to the February/March 2023 ISO/IEC JTC 1/SC 25/WG 3 meeting series, and any subsequent meetings required to complete the work of that series, shall be guided by:

- Supporting the development of ISO/IEC JTC 1/SC 25/WG 3 projects related to single Ethernet in accordance with the guidance provided to the delegation at the IEEE 802.3 July 2022 Plenary

- Support the January 2023 IEEE 802.3 comments to ISO/IEC JTC 1/SC 25/WG 3 on Working Draft of ISO/IEC 11801-9911

M:

S:

Thank You