

Meeting Minutes PDCC Ad Hoc
Prepared by: Chad Jones
3 April 2024
1:00 PM EDT

1:02 Meeting called to order.

Meeting started by the Ad Hoc Chair, Chad Jones.

1:02 The Chair starts reviewing agenda slides.

1:03 The Chair covered the IEEE patent policy, code of ethics and conduct, individual process, equitable consideration of all viewpoints, and copyright rules (slides 4-8 in the agenda deck).

1:07 The Chair informs the group that minutes for the previous meeting are posted, asked if anyone that wanted to review the minutes hadn't had the chance to review, and asked if there were any changes to be made to these minutes. None responded. The minutes were approved by unanimous consent. The Chair instructed the webmaster to change the status of the 12 March 2024 minutes to confirmed.

1:08 The Chair asked the liaison to SC25 WG3 to give a recap of the WG3 meeting that concluded on 22 March. The SC48b group sent a new liaison stating that it wasn't possible to key the connectors as requested by SC25 WG3. While there are many in WG3 that refute this statement from SC48b (along with numerous members of the 802.3 delegation), it caused WG3 to reconsider the Berlin keyed connector compromise. The closing meeting was extended more than an hour in an attempt to reach a new compromise. This text is the result of that effort:

Change:

6.6.3.5 DC current carrying capacity

The DC current carrying capacity for single pair cabling Classes is dependent on installation conditions including the installation environment, cable bundle size, cable conductor size and the number of conductors in a bundle carrying remote power. ISO/IEC TS 29125 shall be applied to assess the DC current carrying capacity of each conductor.

Single pair connecting hardware used in single pair channels supporting current carrying capacity less than 2,0 A, e.g. 0,75 A, shall be non-intermateable with single pair channels supporting current carrying capacity of 2,0 A, see Clause 10.17.

To:

6.6.3.5 DC current carrying capacity

ISO/IEC TS 29125 shall be used to assess the DC current carrying capacity. ISO/IEC 14763-2 shall be used to apply proper planning and installation. Each conductor of a single pair cabling channel is intended to support DC current

carrying capacity of up to 2,0 A, dependant on installation conditions. Single pair channels shall be administrated and labelled according to ISO/IEC 14763-2.

The summary is that the keyed connector requirement has been removed and replaced with administration (labelling, color coding, etc.).

1:24 The chair then moved to K.147. This document has been previously reviewed by the PDCC and has a collaborative review document posted in the PDCC K series private area. In the shift to review the new(ish) K.117 supp 25, the K.147 effort was dropped. The Chair announced that he will request the group to hold one last review and then convert the document to a suitable contribution from 802.3 to ITU. This will be brought forth at the May WG meeting for WG approval.

1:25 The next scheduled meeting is the standing weekly Wednesday meeting, scheduled for 10 April 2024 at 1PM EDT. See the 802.3 call and meeting calendar for details:
<https://www.ieee802.org/3/calendar.html>.

1:26 The Chair asked if there was any other business, none responded. Having exhausted the agenda, the meeting was adjourned.

Attendance (from Webex and IMAT – noted by W, I):

Name	Employer; Affiliation	Present
Abhi Aswath	Volex; Volex	W
Chad Jones	Cisco Systems, Inc.; Cisco Systems, Inc.	W
David Law	Hewlett Packard Enterprise; Hewlett Packard Enterprise	W
Geoff Thompson	Unemployed; Unaffiliated	W
James Withey	Fluke Corporation; Fluke Corporation	W
Marek Hajduczenia	Charter Communications; Charter Communications	W
Peter Fischer	BKS Kabel-Service AG; BKS Kabel-Service AG	W
Ron Tellas	Belden; Belden	W
Stephan Schreiner	Rosenberger; Rosenberger	W