

Meeting Minutes PDCC Ad Hoc

Prepared by: Chad Jones

18 May 2022

1:00 PM ET

1:02PM ET Meeting called to order.

Meeting started by the Ad Hoc Chair, Chad Jones.

1:03PM The Ad Hoc Chair reviewed agenda slides, covered the IEEE patent policy, code of ethics and conduct, participation, and copyright rules (slides 3-7 in the agenda deck).

1:09PM 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 the minutes. None responded. The minutes were approved by unanimous consent. The Chair instructed the webmaster to change the status of the 4 May 2022 minutes to confirmed.

1:12PM The Ad Hoc Chair moved to the main item on the agenda: K.147. The chair walked the group through the draft liaison reply to ITU-T SG5. The final version of the document can be found here:

https://www.ieee802.org/3/ad_hoc/PDCC/public/IEEE_802d3_to_ITU_T_SG5_051822.pdf

The chair took the action to draft a notification email for the WG chair to send to the WG with text to notify the WG of the location of the three files that will be proposed for approval at the 26 May WG meeting.

The three files are the liaison letter referenced above and two documents posted in the K.147 private area, URLs: https://www.ieee802.org/3/ad_hoc/PDCC/private/K147/comments-K.147-202201-P!!MSW-E.docx

https://www.ieee802.org/3/ad_hoc/PDCC/private/K147/Rec_K.147_PDCC_050422.docx

1:35PM presentation

Latest SC25 WG3 Project Activity James Withey, Liaison

https://www.ieee802.org/3/ad_hoc/PDCC/public/Latest%20SC25%20WG3%20Project%20Activity%20Relevant%20to%20PDCC.pdf

The presentation discussed several documents under purview of SC25 WG3 that are either in revision process or just starting revision process. The documents are being revised to cover SPE cabling. This led to much discussion, with some trying to explain the anticipated method by WG3 and others questioning these methods. Many attendees voiced concern about covering 4P cabling and 1P cabling in the same documents, with some saying they preferred these topics covered in separate documents. The issue is 4P cable, and in particular the connectors, can only support 0.75A per conductor whereas the desired SPE PoE current is 2A to allow up to 100W supplied, maxing out the LPS requirement. Covering both in the same document could lead to artificial limits imposed on the 2P systems. The WG3 liaison informed that there are some documents posted in the 802.3 liaison private area:

https://www.ieee802.org/3/private/liaison_docs/ISO_IEC_SC25/. In particular, there are currently two documents of interest:

- The planning and installation document [https://www.ieee802.org/3/private/liaison_docs/ISO_IEC_SC25/14763/3N1318_DC_Maintenance-of-14763-2%20\(1\).pdf](https://www.ieee802.org/3/private/liaison_docs/ISO_IEC_SC25/14763/3N1318_DC_Maintenance-of-14763-2%20(1).pdf); Please note that this is the published document and does not yet have content related to the implementation of the new ISO SP classes.
- The cable sharing TR https://www.ieee802.org/3/private/liaison_docs/ISO_IEC_SC25/11801/TR11801-9911_3N1323_WD.pdf; This is still at an early stage and might need guidance explaining that 0.75A cabling will not support ‘cg’.

1:59PM The chair noted that the scheduled meeting time was over and that there were still several in the queue. The chair asked those able to, to stay a little past the scheduled ending time, allowing for clearing of the queue and announce closure of the queue.

2:08PM The Ad Hoc moved on to closing business. The next scheduled PDCC Ad Hoc meeting is Wednesday 25 May 2022, 1PM ET.

The Chair asked if there was any other business, none responded.

2:09PM ET Having exhausted the time, the meeting was adjourned.

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

Name	Employer; Affiliation	Present
Blake Brown	UNH-IOL; UNH-IOL	I
Bob Voss	Panduit Corp.; Panduit Corp.	IW
Chad Jones	Cisco Systems, Inc.; Cisco Systems, Inc.	IW
Dave Hess	Cord Data; Cord Data	IW
David Law	Hewlett Packard Enterprise; Hewlett Packard Enterprise	IW
Fred Dawson	Chemours Canada Company; Chemours Canada Company	IW
Geoff Thompson	Unemployed; Unaffiliated	IW
George Zimmerman	CME Consulting; CME Consulting/APL Group, CommScope, Cisco Systems, Marvell, and SenTekse	IW
James Withey	Fluke Corporation; Fluke Corporation	IW
Jodi Haasz	STAFF	IW
Jon Lewis	Dell/EMC; Dell/EMC	IW
Mehmet Tazebay	Broadcom; Broadcom	I
Marek Hajduczenia	Charter Communications; Charter Communications	IW
Peter Fischer	BKS Kabel-Service AG; BKS Kabel-Service AG	IW
Sridhar Ramesh	Maxlinear; Maxlinear Inc	I
Wayne Larsen	CommScope; CommScope	IW