Meeting Minutes SCC18 Adhoc
February 7, 2018
1PM ET

13:03 Meeting called to order.

Adhoc Chair reviewed agenda slides, covered the IEEE patent policy and participation rules.

13:05 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. Chair instructs the webmaster to change the status of the 12/13/17 minutes to approved.

13:06 The Chair then moved into the main agenda for the meeting: reviewing specific First Revision selections from the Jan 8-19 Hilton Head meetings. The files are posted on the public site under the Feb 7 meeting section, URL:
http://www.ieee802.org/3/ad_hoc/SCC_18/public/index.html

It was pointed out that there was a change in 90.3 that made Chapter 8 no longer exempt from the rest of the NEC. It was suggested this FR was added to the list and the Chair found FR8757 and added it.

FR 8779 – adds a definition for 'bundle'. The group discussed the length in the definition and didn't agree that 1m equaled a 30C rise. It was accepted that it is better to have a conservative definition than none and that the adhoc would recommend that 802.3 support the FR. It was pointed out that the FR had a grammatical error that implied combed bundles would have less crosstalk. Will suggest an editorial fix of 'more signal crosstalk'.

FR 8790 – adds definition of nominal current. The adhoc recommends that 802.3 support the FR.

FR 8859 – this FR addressed the labeling requirement in 725.121 that was fixed with TIA 1299. CMP3 removed the 0.3A restriction. Rejecting the FR would revert the text to the TIA. The adhoc recommends that 802.3 reject the FR.

FR8941 – major modification to 725.144, both text and the table. Found several typos and a weird sentence structure that could lead to confusion. Table modification uses UL FFR numbers and natural mathematical rounding. This leads to simple inspection checks of: bundle >193? 24AWG? Good for Class 7; bundle >193? 23AWG? Good for Class 8. The adhoc recommends that 802.3 support the FR.

FR8932 – makes it clear how to adjust for elevated temperature and adds the 24AWG, 0.3A exception. The adhoc recommends that 802.3 support the FR.

FR8934 – adds temperature adjustment info for LP cables and also informs reader that LP cables can be use beyond their current rating using Table 725.144. The adhoc recommends that 802.3 support the FR.

The next scheduled SCC18 adhoc call is February 21, 2017, 1PM ET. The group will continue reviewing FRs. Next up: 7856, 7862, 7859, 7892, 8757. If adhoc members want other FRs reviewed, the Chair requests sending him the NEC section, PI number, or FR number and he will add it to the list.

Other relevant upcoming meetings:
      IEEE SCC18 Committee Meeting: March 12-13, 2018

13:59: Having exhausted the agenda, the meeting was adjourned.

Attendance:

Name	Employer; Affiliation	Present
Andrew Jimenez	Anixter; Anixter	
Arkadiy Peker	Microsemi; Microsemi	*
Bill Szeto	Retired; Unaffiliated	
Borhan Fathi	Nvidia; Nvidia	
Chad Jones	Cisco; Cisco	*
Craig Chabot	UNH-IOL; UNH-IOL	
Curtis Donahue	UNH-IOL; UNH-IOL	
David Law	HPE; HPE	*
David Tremblay	HPE; HPE	*
Fred Dawson	Chemours; Chemours	*
Geoff Thompson	Unemployed; Unaffiliated	*
George Zimmerman	CME; Cisco, Commscope, LTC/ADI	*
Jeff Lapak	UNH-IOL; UNH-IOL	
Joel Goergen	Cisco; Cisco	*
Jonathan Goldberg	STAFF	*
Ken Bennett	Sifos; Sifos	
Masood Shariff	Commscope; Commscope	
Mike Anthony	StandardsMichigan, LLC, StandardsMichigan, LLC	
Miklos Lucas	Silicon Labs; Silicon Labs	
Pat Roder	STAFF	
Paul Vanderlaan	Berk-Tek LLC; Berk-Tek LLC	*
Sesha Panguluri	Broadcom; Broadcom	
Steve Carlson	High Speed Design, Inc.; High Speed Design, Inc.	
Valerie Maquire	Siemon; Siemon	