

IEEE 802.3cg 10SPE TF AdHoc meeting

January 09 2019

Prepared by Peter Jones

Presentations posted at:

<http://www.ieee802.org/3/cg/public/adhoc/index.html>

Agenda/Admin Peter Jones:

Meeting began at 7:05am PT.

1. Reviewed the Attendance information related to the ad hoc(s).
 - a. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
2. Asked for approval of 28 November 2018 minutes?
 - a. Approved without objection.
3. Displayed post-par slide deck, reviewed patent policy, participation conditions.
<https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt> (10SPE)
<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0093-05-OPNP-ieee-802-participation-slide-ppt.ppt>
4. Made potentially essential patents call for 802.3cg – 10SPE
No-one responded.

Presentations/Discussion.

Conducted Immunity

Steffen Graber

Pepperl+Fuchs

- Note to remove “MICE” and only refer to E1, E2, E3 as per 802.3bp.

MDI connector Limitation

Amrik Bains

Cisco

- Should change from MICE 1/2/3 to E 1/2/3 as per D2.2 “Table 146–7—Electromagnetic classifications 10BASE-T1L link segment”
 - There are multiple comments related to this topic.
 - Will fix in next revision of the presentation
- Some of the comments in this area suggest liaisons to ISO/IEC and TIA.
 - TF chair asks that a draft of these liaisons be prepared before the meeting. Peter Jones agrees to work on this with other TF members.
- Matthias Fritsche advises that he will be bringing in a presentation related to this topic to Long Beach

- TF chair reminds people that agenda time request deadline has expired. He is willing to consider late requests, but they need to come in as early as possible, and by EOD Thursday AOE at the latest.

PLCA Burst Mode Fixes Piergiorgio Beruto Canovatech

- Question on need for the addition of new symbol
 - Explicit signaling reduces receiver complexity.
- Discussion of potential issue in “148-4—PLCA DATA state diagram”
 - No issue seen.

Chair's Comments

George Zimmerman CME (*)

- Goals of Long Beach meeting?
 - Resolve comments and move the draft forward.
 - Generate or respond to liaisons as appropriate.
- Please review comments and suggested resolutions ahead of the meeting.
- Please let George and Val know any comments you want removed from the EZ bucket
- Target is to be done by Friday lunchtime or before assuming good progress.

Meeting closed – ~8:30am PT

Attendees (from Webex + emails)

Name	Employer	Affiliation	Attended 01/09
Alessandro Ingrassia	Canova Tech	Canova Tech	y
Amrik Bains	Cisco	Cisco	y
Amrit Gopal	Ford	Ford	y
Aniruddha Phatak	Renesas	Renesas	y
Brett McClellan	Marvell	Marvell	y
Brian Franchuck	Emerson	Emerson	y
Chad Jones	Cisco	Cisco	y
Chris Pohl	Beckhoff Automation	Beckhoff Automation	y
Christopher DiMinico	MC Communications/Panduit	MC Communications/Panduit	y
Clark Carty	Cisco	Cisco	y
Craig Gunther	Craig Gunther Consulting	Craig Gunther Consulting	y
Dave Hess	CordData	CordData	y
David Brandt	Rockwell Automation	Rockwell Automation	y
David Law	HPE	HPE	y
Dayin Xu	Rockwell Automation	Rockwell Automation	y
Derek Cassidy	ICRG	ICRG	y

Dieter Schicketanz	Consultant, Reutlingen University	Consultant, Reutlingen University	y
Doug Oliver	Ford	Ford	y
Eric DiBiaso	TE	TE	y
Fatma Caliskan	MicroChip	Microchip	y
Geoff Thompson	GraCaSI S.A.	Independent	y
George Zimmerman	CME Consulting	ADI, APL Group, Aquantia, BMW, Cisco, Commscope	y
Gergely Huszak	Kone	Kone	y
Harald Zweck	Infineon	Infineon	y
Hongming An	Microchip	Microchip	y
James Bauer	Marvell	Marvell	y
Jens Gottron	Siemens	Siemens	y
Jim Lawlis	Ford	Ford	y
Kirsten Matheus	BMW	BMW	y
Larry Matola	Aptiv	Aptiv	y
Lars Mickan	Renesas	Renesas	y
Maris Graube	Relcom Inc.	Relcom Inc.	y
Martin Miller	Microchip	Microchip	y
Matthias Fritsche	HARTING Electronics GmbH	HARTING Electronics GmbH	y
Matthias Jaenecke	Yazaki	Yazaki	y
Michal Brychta	Analog Devices	Analog Devices	y
Mick McCarthy	Analog Devices	Analog Devices	y
Mike Gardner	Molex	Molex	y
Oisín Ó Cuanacháin	Analog Devices	Analog Devices	y
Olaf Krieger	Volkswagen	Volkswagen	y
Olindo Savi	Hubbell	Hubbell	y
Paul Neveux	Superior Essex	Superior Essex	y
Peter Jones	Cisco	Cisco	y
Phillip Brownele	TDK	TDK	y
Piergiorgio Beruto	Canova Tech	Canova Tech	y
Scott Griffiths	Rockwell Automation	Rockwell Automation	y
Steffen Graber	Pepperl+Fuchs	Pepperl+Fuchs	y
Sujan Pandey	NXP	NXP	y
Tim Baggett	Microchip	Microchip	y
Todd Harpel	Nexans	Nexans	y
Venkat Iyer	Microchip	Microchip	y
Wojciech Koczwara	Rockwell Automation	Rockwell Automation	y
Attendees			52