

Minutes IEEE 802.3cg 10SPE TF AdHoc meeting August 30th

Prepared by Peter Jones

Proposed Agenda:

1. Agenda/Admin Peter Jones

Presentations posted at:

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

Agenda/Admin Peter Jones:

Meeting began at 7:00am PT.

1. Reviewed the Attendance information related to the ad hoc.
2. Displayed post-par slide deck, reviewed patent policy, participation conditions.
3. <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt>
4. <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-01-00EC-ieee-802-participation-slide.pptx>
5. Made potentially essential patents call – no one responded.
6. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
7. Did not ask for approval of August 16th minutes, will do this in Charlotte

Presentations/Discussion.

PHY-Level Collision Avoidance – Addendum #2 "PIERGIORGIO BERUTO ANTONIO ORZELLI" Canova Tech

- Looks like a MAC protocol proposal, we are a PHY project.
- Not the same as the “standard” 802.3 MAC, out of scope of 802.
- Random backoff – as implemented in the current MAC.
- Questions about numbers of nodes and node IDs. The numbers shown are just what has been simulated.

TSN-over-multidrop Craig Gunther Harmen

- Quick run through the presentation focusing on how 802.1AS can run on a multicast media with collisions.
- More work to be done on the traffic scheduling area of the presentation before Charlotte.

Elevator/Escalator Use Case Gergely Huszak Kone

- Some questions about the need for Power in model B (backbone).

- Note that the specific connector being used is less important than the transmission characteristics.

Automotive Link Segment analysis for 10SPE Eric DiBiaso TE

- Questions about “worst case link segment”. In this case, looking at return loss & impedance mismatch. Need to think carefully about different types of “worst case”, and be clear which is which.

Proposed Long Reach PHY Structure Steffen Graber Pepperl+Fuchs

- Presentation was made. Questions were asked and responded to.

Meeting closed – ~9:00am PT

Attendees (from Webex + emails)

Name	Affiliation	Attended 8/30
al.gercikow	OTH – Technical University of Applied Sciences	y
Amrik Bains	Cisco	y
Aniruddha Phatak	Renesas	y
Ari Kattainen	Kone	y
Bert Bergner	TE	y
Brett McClellan	Marvell	y
Brian Franchuck	Emerson	y
Bryan Moffitt	CommScope	y
Chad Jones	Cisco	y
Christoph Wechsler	Audi	y
Clark Carty	Cisco	y
Claude Gauthier	OmniPHY	y
Craig Gunther	Harmen	y
Dale Amason	NXP	y
Dale Borgeson	Emerson	y
Daniel Wiesmayer	DRÄXLMAIER	y
David Brandt	Rockwell Automation	y
David Hoglund	Johnson Controls	y
David Law	HPE	y
Dayin Xu	Rockwell Automation	y
Dieter Schicketanz	Consultant, Reutlingen University	y
Eric DiBiaso	TE	y

Ferenc Staengler	Kone	y
Geet Modi	TI	y
Geoff Thompson	Independent	y
George Zimmerman	CME Consulting / Commscope, LTC & Aquantia	y
Gergely Huzak	Kone	y
Greg Destexhe	Microchip	y
Harald Zweck	Infineon	y
Helge Zinner	Continental Corp.	y
James Withey	Fluke	y
Jim Bauer	Marvell	y
Jon Lewis	Dell	y
Kirsten Matheus	BMW	y
Markus Wucher	Endress+Hauser	y
Masood Shariff	CommScope	y
Matthias Fritsche	HARTING Electronics GmbH	y
Matthias Jaenecke	Yazaki	y
Mehmet Tazebay	Broadcom	y
Mick McCarthy	Analog Devices	y
Mike Gardner	Molex	y
Mike Jones	Microchip	y
Natalie Wienckowski	GE	y
Oisín Ó Cuanacháin	Analog Devices	y
Peter Jones	Cisco	y
Peter Wu	Marvell	y
Phillip Brownele	TDK	y
Piergiorgio Beruto	Canova Tech	y
ron	ron@acme.com	y
Ron Naismith	Scheider Electric	y
Steffen Graber	Pepperl+Fuchs	y
Steve Carlson	HSD	y
Sujan Pandey	NXP	y
Theo Brillhart	Fluke	y
Thomas Mueller	Rosenberger	y
Thomas Reinders	Delphi	y
Tim Schmidl	TI	y
Ulrich Nowack	Delphi	y
Vimalli Raman	Yazaki	y
Yasuhiro Hyakutake	Adamant	y
Attendee count		60