

IEEE 802.3cg 10SPE TF/802.3 10BP SG AdHoc meeting 25 APRIL 2018

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 7:05am PT.

1. Reviewed the Attendance information related to the ad hoc(s).
2. April 11th minutes not posted yet. Asked for approval of March 28 minutes?
a. Approved without objection.
3. Displayed pre & post-par slide deck, reviewed patent policy, participation conditions.
<https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.pdf> (10BP)
<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.
5. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.

Presentations/Discussion.

802.3cg 10SPE 10BASE-T1L Auto-Negotiation Steffen Graber
Pepperl+Fuchs

- AN does not apply to multidrop.
 - Not
- Can AN detect a P2P vs P2MP mis-configuration
 - e.g. can a device intended for P2P detect if it's plugged into a multidrop link?
 - Need to avoid breaking clause 98 AN.
- Priority –T1S vs T1L
 - As written, T1S is high priority.
 - What happens with PHYs that can do both, and negotiate to t1S over a long cable?
 - Look into mechanisms to fall back to t1L if T1S link can't be established
- Q on clause 98 DME coding from presenter
 - Responses from attendees about original design choices

802.3cg 10SPE Progressing the draftGeorge Zimmerman CME(*)

- Review of key dates
- Comments on draft are the way to move forwards.
 - Need to close TBDs to move to WG (WG & Sponsor re-open the whole draft).
 - Solutions don't need to be perfect, but credible.
- Need everyone to pitch in ("I will", not "someone should")

Open Discussion

- Reminder about registration and hotel booking – May and July.

Meeting closed – ~8:10 PT

Attendees (from Webex + emails)

Name	Employer	Affiliation	Attended 4/25
Amrit Gopal	Ford	Ford	y
Aniruddha Phatak	Renesas	Renesas	y
Antonio Orzelli	Canova Tech	Canova Tech	y
Bernd Sostawa	MicroChip	MicroChip	y
Bob Voss	Panduit	Panduit	y
Brett McClellan	Marvell	Marvell	y
Brian Franchuck	Emerson	Emerson	y
Christopher DiMinico	MC Communications/Panduit	MC Communications/ Panduit	y
Clark Carty	Cisco	Cisco	y
Claude Gauthier	NXP	NXP	y
Craig Gunther	Harmen	Harmen	y
Dale Borgeson	ED Engineering	Emerson	y
David Brandt	Rockwell Automation	Rockwell Automation	y
David Hoglund	Johnson Controls	Johnson Controls	y
Dayin Xu	Rockwell Automation	Rockwell Automation	y
Dieter Schicketanz	Consultant, Reutlingen University	Consultant, Reutlingen University	y
Doug Oliver	Ford	Ford	y
Evgenij Glups	IHR Automotive	IHR Automotive	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
Gian Marco Bo	Canova Tech	Canova Tech	y

Jay Cordaro	Broadcom	Broadcom	y
Jean Picard	TI	TI	y
Kirsten Matheus	BMW	BMW	y
Larry Matola	Aptiv	Aptiv	y
Les Farkas	Alarm.com	Alarm.com	y
Lokesh Kabra	Synopsys	Synopsys	y
Mark Bohm	Microchip	Microchip	y
Masood Shariff	CommScope	CommScope	y
Mick McCarthy	Analog Devices	Analog Devices	y
Natalie Wienckowski	GE	GE	y
Oisín Ó Cuanacháin	Analog Devices	Analog Devices	y
Paul Vanderlaan	Berk-Tek	Berk-Tek	y
Peter Jones	Cisco	Cisco	y
Peter Wu	Marvell	Marvell	y
Phillip Brownele	TDK	TDK	y
Scott Griffiths	Rockwell Automation	Rockwell Automation	y
Shiva Akkihal	Microchip	Microchip	y
Steffen Graber	Pepperl+Fuchs	Pepperl+Fuchs	y
Thomas Mueller	Rosenberger	Rosenberger	y
Venkat Iyer	Microchip	Microchip	y
Vimalli Raman	Yazaki	Yazaki	y
Attendees			43