IEEE 802.3cg 10SPE TF AdHoc meeting
28 November 2018

Prepared by Peter Jones

Proposed Agenda:

1. Agenda/Admin  Peter Jones

Presentations posted at:

**Agenda/Admin Peter Jones:**

Meeting began at 7:05am PT.

1. Reviewed the Attendance information related to the ad hoc(s).
2. Displayed post-par slide deck, reviewed patent policy, participation conditions.
   
   ![Link](https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt)
   ![Link](https://mentor.ieee.org/802-ec/dcn/17/ec-17-0093-05-0NP-ieee-802-participation-slide-ppt.ppt)
3. Made potentially essential patents call for 802.3cg – 10SPE
   
   No-one responded.
4. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
5. Asked for approval of previous minutes
   
   7 November 2018: [http://www.ieee802.org/3/cg/public/adhoc/10spe_TF_adhoc_minutes_00_2018_11_07.pdf](http://www.ieee802.org/3/cg/public/adhoc/10spe_TF_adhoc_minutes_00_2018_11_07.pdf)
   24 October 2018: [http://www.ieee802.org/3/cg/public/adhoc/10spe_TF_adhoc_minutes_00_2018_10_24.pdf](http://www.ieee802.org/3/cg/public/adhoc/10spe_TF_adhoc_minutes_00_2018_10_24.pdf)

   Approved without objection.

**Discussion of presentations**

**Coupling Attenuation SPE–l link segment**

Dieter Schicketanz  Reutlingen University

- Question about level of improvement proposed , it is excessive?
- Recognizing the work in IEC TC46, what is the update needed in our document (which specifies the PHY) ?
- Significantly above the equivalent for 4 pair.
- 45 dB increase.
- Needs more analysis.
- Would be good to have data by next AdHoc so it can be socialized early.

**Clause 104 Cleanup**

GITESH BHAGWAT, ANDY GARDNER, HEATH STEWART  Analog Devices
• Note this work responding to some issues raised during editing for D2.2. Editors appreciate the
   fast turnaround.

**PLCA burst mode fixes**

Piergiorgio Beruto Canovatech

• No discussion

Meeting closed – 7:55am  PT

### Attendees (from Webex + emails)

<table>
<thead>
<tr>
<th>Name</th>
<th>Employer</th>
<th>Affiliation</th>
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| Amrit Gopal       | Ford          | Ford                                          | y
| Aniruddha Phatak  | Renesas       | Renesas                                       | y
| Bernd Sostawa     | MicroChip     | MicroChip                                     | y
| Bob Voss          | Panduit       | Panduit                                       | y
| Brett McClellan   | Marvell       | Marvell                                       | y
| Brian Franchuck   | Emerson       | Emerson                                       | y
| Chad Jones        | Cisco         | Cisco                                         | y
| Clark Carty       | Cisco         | Cisco                                         | y
| Cyrus Kelly       | Relcom Inc.   | Relcom Inc.                                   | y
| Dave Hess         | CordData      | CordData                                      | y
| David Law         | HPE           | HPE                                           | y
| David Lucia       | Sifos         | Sifos                                         | y
| Dieter Schicketanz| Consultant, Reutlingen University | Consultant, Reutlingen University | y
| Doug Oliver       | Ford          | Ford                                          | y
| Eric DiBioso      | TE            | TE                                            | y
| Evgenij Glups     | IHR Automotive| IHR Automotive                                | y
| George Zimmerman | CME Consulting| ADI, APL Group, Aquantia, BMW, Cisco, Commscope | y
| Gergely Huszak    | Kone          | Kone                                          | y
| Gitesh Bhagwat    | Analog Devices| Analog Devices                               | y
| Harald Zweck      | Infineon      | Infineon                                      | y
| Heath Stewart     | Analog Devices| Analog Devices                               | y
| Hongming An       | Microchip     | Microchip                                     | y
| James Withey      | Fluke         | Fluke                                         | y
| Jes Asmussen      | Rockwell Automation| Rockwell Automation                        | y
| Jim Bauer         | Marvell       | Marvell                                       | y
| Kirsten Matheus   | BMW           | BMW                                           | y
| Larry Matola      | Aptiv         | Aptiv                                         | y
| Lars Mickan (Renesas) | Renesas   | Renesas                                       | y
| Laura Schweitz    | Turck         | Turck                                         | y
| Masood Shariff    | Commscope     | Commscope                                     | y
| Michal Brychta    | Analog Devices| Analog Devices                               | y
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<thead>
<tr>
<th>Name</th>
<th>Company</th>
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<tbody>
<tr>
<td>Mick McCarthy</td>
<td>Analog Devices</td>
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<tr>
<td>Natalie Wienckowski</td>
<td>GM</td>
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<td>Oisín Ó Cuanacháin</td>
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<td>Peter Jones</td>
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<td>Phillip Brownele</td>
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<td>Phong Pham</td>
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<td>Piergiorgio Beruto</td>
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<td>Scott Griffiths</td>
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<td>Steffen Graber</td>
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