

Minutes IEEE 802.3 10SPE SG AdHoc meeting NOVEMBER 16

Prepared by Peter Jones

Proposed Agenda:

1. Agenda/Admin Peter Jones

Presentations posted at:

<http://www.ieee802.org/3/10SPE/public/adhoc/index.html>

Agenda/Admin Peter Jones:

Meeting began at 7:05am PT.

1. Reviewed the Attendance information related to the ad hoc.
2. Displayed pre-par patent slide deck, asked if we needed to review patent policy.
 - a. No one requested review.
3. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
4. Approval of September 7th minutes?
 - a. Approved in San Antonio.
5. Presented the proposed agenda.
 - a. Approved without objection.

Presentations/Discussion.

Chair's Comments & Discussion George Zimmerman CME

- First TF meeting is expected to be at the January Interim.
 - Work before this (on the reflector, AdHoc meetings, etc) helps to prepare for efficient progress in the TF.
- PAR & CSD - contract with IEEE SA – work within these, if we have to cross these boundaries, need to update the contract.
- Objectives - contract with 802.3 – work within these, if we have to cross these boundaries, need to update the contract.
- Timeline discussion – fixed a typo in first draft of the slides. (reflected in posted slides)
- Ask for additional volunteers to join editorial team. (particularly those familiar with PHY clauses)
- Some discussion of Task Force Structure.
- Some discussion of “Procedure for Presenters” – include slide numbers, titles, tags etc.
- Areas of work to move along.
 - Moving along – use “champions” or “shepherds” to collate major areas
 - Goal is to go out to the group and seek out proposals.
 - Collate proposals to figure out common elements and things that we need to make decisions about.

- Evaluate different approaches.
 - Build consensus on key technical elements between subject matter experts, and being that consensus to the broader group.
 - PHY characteristics - Claude
 - Claude collecting living list – please contribute.
 - Link Segments – Chris
 - Some discussion of link segment vs channel.
 - Link segment includes physical MDI.
 - Depending on environment we may or may not have physical/logical MDI.
 - Geoff Thompson offers an educational presentation for January interim to make sure we are using the same and/or correct terms to help our team to make progress.
 - Noise
 - Need to get high level descriptions/models and data that supports these.
 - Maybe an educational presentation (George Zimmerman) about this topic to set basic common understanding.
 - Powering – needs shepherd
- Potential issues
 - Group organization
 - Possibly multiple tracks, maybe organized by PHY vs power, electrical, environmental, etc. TBD as the project develops.
 - It's possible to split the project later if we have to (e.g. power being done separately) which may make parts of the project go faster, but add significantly to the overhead of the whole project.
 - Think about meeting in tracks in March, maybe start with multiple AdHoc tracks out of January.
 - External group consensus building vs influence vs dominance.
 - Hot topic recently in 802 in general (issue in 802.11)
 - New slides coming from IEEE vis David Law that will be presented in each meeting.
 - We will talk through this with the group to guide towards best practice, hopefully in next AdHoc.
 - Build consensus within and across sub-groups. Explain why a given approach meets needs. Providing context for recommendations often helps people get outside.
 - Key point – we operate as individual experts. No one (group or employer) should be directing you how to vote.
 - Powering

- Specific sub-discipline, and normally operates a little differently. Will see how this develops.
- Use cases for power need work, so we understand the requirements better.
- DSL technology
 - Learn the lessons from the EFM process – use the technology, don't get too deep in the various application-specific stuff.
- Multidrop
 - This is a thorny issue to wrestle with.
 - Since EPON tackles this, can we get an educational presentation about how/why EPON succeeded? Let's find a person from the EPON side of the house to help us on this.
 - May affect the cabling area.
 - Affects use case like TSN if needed.
- Cabling
 - Legacy vs new.
 - TIA/ISO vs other organizations (e.g. IEC 65C JWG 10). Let's make sure we identify the set of major groups and set up the appropriate liaisons.
 - Presentation on the set of groups involved – Ludwig to work with Alan Flatman and others to prepare overview presentation.

Meeting closed – 8:35am PT

Attendees (from Webex + emails)

Name	Affiliation	attended 11/16
Brian Franchuck	Emerson	y
Carsten Sydow	Lantiq/Intel	y
Chad Jones	Cisco	y
Dale Borgeson	Emerson	y
Daniel Wiesmayer	DRÄXLMAIER	y
David Brandt	Rockwell Automation	y
David Law	HPE	y
Dayin Xu	Rockwell Automation	y
Geoff Thompson	Independent	y
George Zimmerman	CME Consulting / Commscope, LTC & Aquantia	y
Henry Muyshondt	Microchip	y
Jean Picard	TI	y
Jens Gottron	Siemens	y
Jim Bauer	Marvell	y

Kirsten Matheus	BMW	y
Laura Schweitz	Turck	y
Ludwig Winkel	Siemens	y
Mark Bohm	Microchip	y
Markus Wucher	Endress+Hauser	y
Masood Shariff	CommScope	y
Matthias Jaenecke	Yazaki	y
Oisín Ó Cuanacháin	Analog Devices	y
Peter Jones	Cisco	y
Phillip Brownele	TDK	y
Steffen Grabber	Pepperl+Fuchs	y
Thomas Mueller	Rosenberger	y
Attendee count		26