

Minutes IEEE 802.3cg 10SPE TF AdHoc meeting 16 August 2017

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.
2. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
3. Approval of minutes for 2 August 2017
 - a. Only just uploaded, will ask for approval at next meeting.
4. Displayed post-par slide deck, reviewed patent policy, participation conditions.
5. Made potentially essential patents call – no one responded.

<https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt>

<https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-01-00EC-ieee-802-participation-slide.pptx>

Presentations/Discussion.

Phy Level Collision Avoidance - Addendum #1 Piergiorgio Beruto Canovatec

- Some interest in seeing this run with more nodes, example use case mention is low cost Ethernet backplane in a PLC.
- Auto-negotiation of IDs – not needed for a number of use cases (engineered systems), and we would need to work out which class of systems need auto-neg and what the requirements are.
- Since this is really multipoint (each receiver hearing from multiple transmitters), work needs to be done on the receiver equalization front.
- Regardless of the method of support for multipoint, if it's truly multipoint, each receiver needs to be able to receive from each transmitter.
- This proposal is an "any to any" model.
- Any inherent limit of node count? Node count vs latency tradeoff. Will degrade with increased node count, may scale based on square of node count. Needs further work.

Chair's Comments George Zimmerman CME

- September meeting is about 1 month away – **only one more ad hoc before then!** Need to make progress on (at least)

- Short reach phy
- Any new use cases and associated channel models.
- We need to see these real soon now.
- **Please use reflector to make progress between AdHocs, only one more AdHoc between now and then Charlotte meeting, and we may not make the progress if you wait for ad hocs.**
- Intra-system control plane usage – need to make progress on this.
 - Channel models.
 - Any required changes for PAR/CSD/Objectives?
- Powering is another area where we need to make progress.

Meeting closed – ~8:00am PT

Attendees (from Webex + emails)

| email | Name | Affiliation | Attended 8/16 |
|--|------------------|--|---------------|
| ari.kattainen@kone.com | Ari Kattainen | Kone | y |
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| | Attendee count | | 34 |