

Unconfirmed Meeting Minutes: IEEE P802.3ch Multi-Gigabit Automotive Ethernet PHY  
Task Force

May 22-23, 2017  
New Orleans, LA, USA

Prepared by Jon Lewis

IEEE P802.3ch Multi-Gigabit Automotive Ethernet PHY Task Force meeting convened at 9:00AM, Monday, May 22, 2017 by David Law, 802.3 Working Group chair.

Attendance is listed in Appendix A

Administrative Matters

Mr. Law appointed Jon Lewis as recording secretary for this session.

Mr. Law explained that the Working Group chair appoints the Task Force Chair, and the Task Force would confirm the appointment. Mr. Law then reminded the group that he had announced his intention to appoint Steve Carlson Task Force Chair at the March 2017 Plenary and he then appointed Mr. Carlson as the Task Force Chair.

**Motion #1: Confirm Steve Carlson as the IEEE P802.3ch Multi-Gigabit Automotive Ethernet PHY Task Force Chair.**

M: John D'Ambrosia                      S: Robert Grow  
Y: 34 N: 0 A: 0  
**MOTION PASSES**

Mr. Law then turned the meeting over to Task Force Chair, Steve Carlson.

Steve Carlson displayed the agenda in [agenda 3NGAUTO 01 0517](#).

The Task Force Chair called for introductions and affiliations.

Steve Carlson reviewed the agenda in [agenda 3NGAUTO 01 0517.pdf](#).

**Motion #2: Move to approve the agenda as shown in  
[agenda 3NGAUTO 01 0517.pdf](#)**

M: Marek H                                  S: Natalie W.  
**Approved by voice without opposition (Procedural > 50%)**

The Chair then asked for comments or corrections to the minutes of the last meeting. No responses were heard.

**Motion #3: Move to approve the minutes of the March 2017 IEEE P802.3ch Multi-Gigabit Automotive Ethernet PHY Task Force Meeting.**

**M: Natalie W. S: Stefan Buntz**

**Approved by voice without opposition (Procedural > 50%)**

The Acting Chair then resumed the review of presentation  
[agenda\\_3NGAUTO\\_01\\_0517.pdf](#).

- Mr. Carlson noted that there should be no recording or photography without permission.
- Mr. Carlson asked if anyone was attending from the press including those who would run a public blog on this meeting. Peter Jones, Cisco Systems, indicated that he occasionally writes but includes only publically available information.

Chair reviewed the goals for the meeting, big ticket items, access to the reflector and website, and ground rules for the meeting.

**Attendance**, Mr. Carlson advised the group of the IEEE meeting attendance tool and procedures, including both the attendance book and the web attendance tracking tool.

**IEEE Patent Policy**, at **9:30 AM**, Mr. Carlson showed slides 0 through 4 patent policy from [agenda\\_3NGAUTO\\_01\\_0517.pdf](#). Mr. Carlson showed slide 0 and read aloud slides 1 through 4. Mr. Carlson made the call for potentially essential patents at **9:32 AM**, and none responded. Mr. Carlson then completed the reading of slide #4

Mr. Carlson reviewed slide 17 entitled "Participation in IEEE 802 Meetings" and asked if there was any discussion necessary with the Task Force. None responded.

Chair reviewed the IEEE 802.3 Standards process and where the Task Force was in the process and the process by which we will develop the standard.

**Title: The Road to Draft 1.0** ([zimmerman\\_3cg\\_01\\_0317.pdf](#))

**Presenter:** George Zimmerman, CommScope, Aquantia, LTC, CME Consulting, Cisco, ADI, BMW

Chair reviewed the adopted P802.3ch Objectives.

Future Attendance Straw Polls:

**Straw Poll #1:** Attend July 2017 Plenary in Berlin, Germany  
Y: 26 N: 4 M: 5

**Straw Poll #2:** Attend September 2017 Interim in Charlotte, NC, USA  
Y: 25 N: 4 M: 12

**The meeting recessed for a short break at 10:22 AM.**

**The meeting resumed at 10:46 AM.**

Mr. Carlson reviewed the Procedure for Presenters ([presentproc.html](#)).

*PRESENTATIONS:*

The Chair then moved to the presentations for the meeting.

**Title: IEEE NGAUTO media proposal**

([hayes\\_moffitt\\_shariff\\_3NGAUTO\\_01\\_0517.pdf](#))

**Presenter:** Masood Shariff, CommScope

**Discussion:** The Group discussed the various link segment options that are being explored.

**Title: Media Considerations - Insertion Loss and EMC**

([DiBiaso\\_3NGAUTO\\_01\\_0517.pdf](#))

**Presenter:** Eric DiBiaso, TE Connectivity

**The Task Force broke for lunch at 10:49 AM to resume at 1:30 PM.**

**The Task Force resumed from lunch at 1:32 PM.**

**The Chair resumed presentations as listed in the agenda.**

**Title: SOME REMARKS/THOUGHTS ABOUT AUTOMOTIVE MULTIGIG LINK SEGMENTS** ([grau\\_3NGAUTO\\_02\\_0517.pdf](#))

**Presenter:** Olaf Grau, Robert Bosch GmbH

**Title: Initial RF Ingress Measurements for Coaxial and UTP Cables from Automotive BCI Test** ([cohen\\_shirani\\_3ch\\_01\\_0517.pdf](#))

**Presenter:** Ramin Sharani, Aquantia

**The Chair then reviewed his “notes” from the link segment presentations and identified the necessary steps for the Task Force to proceed.**

**The Chair asked the Task Force to consider the direction that is needed for the ad-hoc calls, including frequency and if specific topics should be in separate ad hocs.**

**Title: Ad Hoc Report** ([zimmerman\\_3NGAUTO\\_01a\\_0517.pdf](#))

**Presenter:** George Zimmerman, CommScope, Aquantia, LTC, CME Consulting, Cisco, ADI, BMW

**Motion #4:** Move to approve minutes of IEEE 802.3 Multigig Automotive Ethernet PHY Study Group ad hoc minutes from 5/3 and 5/17 as posted.

**M:** George Zimmerman      **S:** Peter Jones

**Approved by voice without opposition (Procedural > 50%)**

The meeting recessed for the day at 3:00 PM.

The Task Force meeting resumed at 9:00 AM.

**The Chair reminded the Task Force on both methods of attendance and proceeded into presentations for the meeting.**

**Title: ECU Start-Up Requirements** ([Wienckowski 3NGAUTO 01 0517.pdf](#))

**Presenter:** Natalie A. Wienckowski, General Motors LLC

**Title: Automotive Fiber Standard** ([king 3NGAUTO 01 0517.pdf](#))

**Presenter:** Jonathan King, Finisar

The Chair then moved to Action Items for the meeting. The Task Force discussed the path forward and the work that should be accomplished prior to the July Plenary in Berlin.

The Chair noted that the agenda had been completed and asked if there was any further business. None responded.

## **Adjournment**

**Motion #5:** To adjourn the meeting.

**M:** Natalie Wienckowski    **S:** Brett McClellan

**MOTION PASSES by voice without opposition**

**The Meeting was adjourned at 9:53 AM**

*Appendix A: Attendees at the IEEE P802.3ch Multi-Gigabit Automotive Ethernet PHY Task Force Meeting, May 22-23, 2017.*

IEEE P802.3ch NGAUTO Task Force May'17				5/22/17	5/23/17
Last Name	First Name	Employer	Affiliation	Monday	Tuesday
Angha	Ali	Spirent Communications	Spirent Communications	X	X
Aslam	Hassaan	Maxlinear	Maxlinear	X	
Bains	Amrik	Cisco	Cisco	X	X
Brandt	David	Rockwell Automation	Rockwell Automation	X	X
Braun	Rolf-Peter	Deutsche Telecom	Deutsche Telecom		X
Brownlee	Phillip	TDK	TDK	X	X
Buntz	Stefan	Daimler AG	Daimler AG	X	
Carlson	Steve	High Speed Design	Robert Bosch	X	X
Carty	Clark	Cisco	Cisco	X	
Choudary	Mabud	OFS	OFS	X	X
Dalmia	Kamal	Aquantia	Aquantia		X
DiBiaso	Eric	TE Connectivity	TE Connectivity	X	X
Donahue	Curtis	UNH - IOL	UNH - IOL	X	X
Dupuis	Marc	Web Industries	Web Industries	X	
Estes	David	Spirent	Spirent		X
Flatman	Alan	LAN Technologies	LAN Technologies	X	X
Fritsche	Matthias	Harting	Harting	X	X
Gardner	Mike	Molex, LLC	Molex, LLC	X	X
Gong	Zhigang	O-Net	O-Net		X
Grau	Olaf	Robert Bosch	Robert Bosch	X	X
Grow	Robert	RMG Consulting	RMG Consulting	X	X
Hajduczenia	Marek	Charter	Charter	X	
Hamidy	Farid	Pulse	Pulse		X
Hayashi	Takehiro	HAT Lab	HAT Lab	X	X
Herbst	Thomas			X	
Hess	Dave	Cord Data	Cord Data		X
Hormmeyer	Bernd	Phoenix Contact	Phoenix Contact		X
Hyakutake	Yasuhiro	Adamant Co., Ltd	Adamant Co., Ltd	X	X
Jones	Peter	Cisco	Cisco	X	X
King	Jonathan	Finisar	Finisar		X
Klempa	Mike	UNH-IOL	UNH-IOL		X
Law	David	Hewlett Packard Enterprise	Hewlett Packard Enterprise	X	
Lewis	Jon	Dell   EMC	Dell   EMC	X	X

Madgar	Tzahi	Valens	Valens	X	X
Malicoat	David	Malicoat Networking Solutions	Senko		X
McCarthy	Mick	Analog Devices	Analog Devices		X
McClellan	Brett	Marvell	Marvell	X	X
McSorley	Greg	Amphenol	Amphenol		X
Mellitz	Richard	Samtec	Samtec		X
Minejima	Kenta	JAE	JAE		X
Mitcheltree	Tom	US Conec	US Conec		X
Modi	Geet	Texas Instruments	Texas Instruments	X	X
Moffitt	Bryan	Commscope	Commscope	X	X
Moritake	Toshijuki	JAE	JAE		X
Oliver	Doug	Ford Motor Co.	Ford Motor Co.	X	X
Patel	Harsh	Molex, LLC	Molex, LLC	X	X
Pimpinelle	Rick	Panduit	Panduit		X
Pohmerer	Rainer	Leoni	Leoni		X
Sambasivan	San	AT&T	AT&T	X	X
Satake	Toshiaki	US Conec	US Conec		X
Schindler	Fred	Seen Simply	Cisco		X
Sedarat	Hossein	Aquantia	Aquantia	X	X
Shariff	Masood	Commscope	Commscope	X	X
Shirani	Ramin	Aquantia	Aquantia	X	X
Sparrowhawk	Bryan	Leviton	Leviton	X	X
Su	Ching-Yao	Realtek	Realtek	X	X
Swanson	Steve	Corning	Corning		X
Umnov	Alexander	Corning	Corning	X	X
Vanderlaan	Paul	Berk-Tek LLC	Berk-Tek LLC	X	X
Wechsler	Christoph	Audi	Audi	X	X
Wienckowski	Natalie	GM	GM	X	X
Winkel	Ludwig	Siemens AG	Siemens AG	X	X
Wu	Peter	Marvell	Marvell	X	X
Zhong	Qiewen	Huawei	Huawei	X	
Zimmerman	George	CME Consulting	Commscope, Aquantia, LTC, CME Consulting, Cisco, ADI, BMW	X	X
Zuo	Tianjian	Huawei	Huawei	X	