

Meeting Minutes: IEEE P802.3bt DTE Power via MDI over 4-Pair Task Force  
November 7 – 9, 2017  
Orlando, FL  
Prepared by: Michael Paul

The meeting of IEEE P802.3bt DTE Power via MDI over 4-Pair Task Force was convened at 8:00am, Tuesday, November 7, 2017 by Chad Jones, P802.3bt Task Force Chair.

**Tuesday, November 7, 2017**

**8:00 – Task Force in session**

The Chair called for introductions and affiliations.

The Chair reviewed the agenda – [http://ieee802.org/3/bt/public/sep17/agenda\\_0917.pdf](http://ieee802.org/3/bt/public/sep17/agenda_0917.pdf).

**08:02 Motion 1**

Move to approve the agenda for the November 2017 IEEE P802.3bt Task Force meeting

Mover: Yair Darshan

Second: Chris Bullock

Procedural, 50%

Passes by voice without opposition

**08:03 Motion 2**

Move to approve the September 2017 minutes for IEEE P802.3bt

Mover: Matthias Wendt

Second: Rick Frosch

Procedural, 50%

Passes by voice without opposition

08:06 The call for patents was made. None responded.

08:12 Meeting was turned over to Task Force Comment Editor David Abramson for comment resolution. 149 comments in the TFTD bucket.

08:36 TF agrees to review late comments submitted by Geoff Thompson.

10:05 Break

10:27 Back in session. Comment resolution continues.

11:42 50 comments closed

12:05 Break for Lunch

13:33 Back in session. Comment resolution continues.

- 14:15 Vote to accept comment 461  
Y: 1 N: 8 A: 2  
comment rejected for lack of consensus
- 15:14 All TFTD comments touched. Afternoon break
- 15:30 Back in Session. 66 unresolved comments remain in TFTD bucket. Task Force now reviews presentations to resolve comments.
- 15:32 **Presentation 1:** Darshan\_03  
URL: [http://www.ieee802.org/3/bt/public/nov17/darshan\\_03\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/darshan_03_1117_final.pdf)  
Presenter: Yair Darshan, Microsemi
- 15:44 **Presentation 2:** Yseboodt\_08  
Presenter: Lennart Yseboodt, Philips Lighting
- 16:21 **Presentation 3:** Yseboodt\_04  
URL: [http://www.ieee802.org/3/bt/public/nov17/yseboodt\\_04\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/yseboodt_04_1117_final.pdf)  
Presenter: Lennart Yseboodt, Philips Lighting
- 16:58 **Presentation 4:** Darshan\_01  
URL: [http://www.ieee802.org/3/bt/public/nov17/darshan\\_01\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/darshan_01_1117_final.pdf)  
Presenter: Yair Darshan, Microsemi
- 17:08 **Presentation 5:** Darshan\_05  
Presenter: Yair Darshan, Microsemi
- 17:20 **Presentation 6:** Paul\_01  
Presenter: Michael Paul, Analog Devices
- 17:38 Meeting recessed for the day. 99 comments closed on day one. 50 comments left in the TFTD bucket.

### **Wednesday, November 8, 2017**

#### **08:04 – Task Force in session**

- 08:10 **Presentation 7:** Stewart\_02  
URL: [http://www.ieee802.org/3/bt/public/nov17/stewart\\_02\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/stewart_02_1117_final.pdf)  
Presenter: Heath Stewart, Analog Devices
- 08:15 **Presentation 8:** Stewart\_03  
URL: [http://www.ieee802.org/3/bt/public/nov17/stewart\\_03\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/stewart_03_1117_final.pdf)  
Presenter: Heath Stewart, Analog Devices
- 08:33 **Presentation 9:** Darshan\_02  
URL: [http://www.ieee802.org/3/bt/public/nov17/darshan\\_02\\_1117.pdf](http://www.ieee802.org/3/bt/public/nov17/darshan_02_1117.pdf)  
Presenter: Yair Darshan, Microsemi

08:39 **Presentation 10:** Stover\_01  
URL: [http://www.ieee802.org/3/bt/public/nov17/stover\\_01\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/stover_01_1117_final.pdf)  
Presenter: Michael Paul, Analog Devices

09:17 **Presentation 2 (again):** Yseboodt\_08  
URL: [http://www.ieee802.org/3/bt/public/nov17/yseboodt\\_08\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/yseboodt_08_1117_final.pdf)  
Presenter: Lennart Yseboodt, Philips Lighting

09:32 **Presentation 11:** Yseboodt\_03  
URL: [http://www.ieee802.org/3/bt/public/nov17/yseboodt\\_03\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/yseboodt_03_1117_final.pdf)  
Presenter: Lennart Yseboodt, Philips Lighting

09:47 **Presentation 12:** Yseboodt\_06  
URL: [http://www.ieee802.org/3/bt/public/nov17/yseboodt\\_06\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/yseboodt_06_1117_final.pdf)  
Presenter: Lennart Yseboodt, Philips Lighting

10:17 Break

10:36 Back in session

10:37 **Presentation 13:** Yseboodt\_05  
URL: [http://www.ieee802.org/3/bt/public/nov17/yseboodt\\_05\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/yseboodt_05_1117_final.pdf)  
Presenter: Lennart Yseboodt, Philips Lighting

10:53 32 Comments remain

10:53 **Presentation 14:** Yseboodt\_01  
URL: [http://www.ieee802.org/3/bt/public/nov17/yseboodt\\_01\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/yseboodt_01_1117_final.pdf)  
Presenter: Lennart Yseboodt, Philips Lighting

11:07 **Presentation 15:** Yseboodt\_02  
URL: [http://www.ieee802.org/3/bt/public/nov17/yseboodt\\_02\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/yseboodt_02_1117_final.pdf)  
Presenter: Lennart Yseboodt, Philips Lighting

11:26 28 Comments Remain

11:27 **Presentation 16:** cjones\_01  
URL: [http://www.ieee802.org/3/bt/public/nov17/cjones\\_01\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/cjones_01_1117_final.pdf)  
Presenter: Chad Jones

12:12 Break for Lunch

14:05 Back in session, resolving comments

14:25 **Presentation 6 (again):** paul\_01  
URL: [http://www.ieee802.org/3/bt/public/nov17/paul\\_01\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/paul_01_1117_final.pdf)  
Presenter Michael Paul, Analog Devices

14:45 **Presentation 5 (again):** darshan\_05  
URL: [http://www.ieee802.org/3/bt/public/nov17/darshan\\_05\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/darshan_05_1117_final.pdf)  
Presenter Yair Darshan, Microsemi

15:10 Break

15:32 Back in session. Comment resolution: em-dash compromise.

16:00 14 Comments left

**16:00 Motion 3**

Move to have the editor remove all references to class 6 extended power

Mover: David Abramson

Seconder: Lennart Yseboodt

Technical 75%

Y: 8 N: 0 A: 6

Motion Passes

16:03 10 Comments left

16:17 3 Comments left

**16:39 Motion 4**

Motion to add the following text to 145.1.4 and 33.1.4

Caution box: Use of cables with conductors smaller than 26 AWG is not recommended for remote powering applications

Mover: Joel Goergen

Seconder: Lennart Yseboodt

Technical, 75%

Y: 15 N: 1 A: 1

Motion Passes

17:04 Recess until 09:30

**Thursday, November 9, 2017**

**09:30 – Task Force in session, comment resolution continues**

09:41 Three comments remain in TFTD bucket

09:42 Presentation: Darshan\_07

URL: [http://www.ieee802.org/3/bt/public/nov17/darshan\\_07\\_1117\\_final.pdf](http://www.ieee802.org/3/bt/public/nov17/darshan_07_1117_final.pdf)

Presenter: Yair Darshan

10:22 All TFTD comments have been resolved. The Comment Editor asked if there were any other comments that the TF would like to review. It was requested to review all of the remaining rejects in the comment database (CDB). The TF reviewed and resolved all the reject responses. The Comment Editor then processed the remaining comments with the results of the suggested remedy as posted in

[http://www.ieee802.org/3/bt/comments/802d3bt\\_D3p1\\_Responses\\_OOS\\_DraftOrder.pdf](http://www.ieee802.org/3/bt/comments/802d3bt_D3p1_Responses_OOS_DraftOrder.pdf) while the TF observed.

**10:35 Motion 5**

Move that the IEEE P802.3bt 4PPoE Task Force accept the comment resolutions to D3p1 as detailed in 802d3bt\_D3p1\_FINAL\_DraftOrder.pdf from the November 2017 Task Force meeting and charter the editor to produce D3p2 for Sponsor Ballot recirculation and comment

Mover: Dave Abramson  
Seconder: Lennart Yseboodt

Procedural, 50%  
Passes by voice vote without opposition

**10:37 Attendance Straw Polls**

I will attend in Geneva Y: 12 M: 1 N: 3  
I will attend in Chicago Y: 12 M: 3 N: 0  
I will attend in Pittsburgh Y: 11 M: 3 N: 1

10:46 Chair reviews reply to liaison letter from EA

**10:41 Motion 6**

Move to direct the Chair to present liaison from 802.3 to EA to WG

Mover: Dave Abramson  
Seconder: Matthias Wendt

Procedural, 50%  
Passes by voice without opposition

10:46 Chair reviews SCC18 liaison letter regarding responses to NFPA

**11:03 Motion 7**

Move to direct the Chair to present liaison from 802.3 to SCC18 to WG

Mover: George Zimmerman  
Second: Lennart Yseboodt

Procedural, 50%  
Passes by voice vote without opposition

**11:25 Motion 8**

Move to direct the Chair to present liaison from 802.3 to NEC Standards Council to WG

Mover: Joel Goergen  
Seconder: George Zimmerman

Procedural, 50%  
Passes by voice without opposition

11:26 The Chair reviewed a new TF timeline from D3.1 to completion. Group rejects aggressive timeline. Expect standard completion in September.

11:32 **Motion 9**

Move to adopt 802d3bt\_sponsor\_timeline.pdf

Mover Heath Stewart

Secunder Yair Darshan

Procedural, 50%

Passes by voice vote without opposition

11:33 Task Force reviewed the proposed timeline for D3.2 publish, recirc and comment review. D3.2 recirc should close around Dec 18. Proposed responses posted by Dec 29. TFTD pulls requested By Jan 11, posted Jan 12, 2018. This leaves a week for the TF to review the TFTD bucket.

11:38 Having exhausted the agenda, the Chair adjourned the meeting.

Next meeting: Jan 22-26, 2018 at the 802.3 interim meeting in Geneva, Switzerland.

| Name                         | Employer            | Affiliation                                  | 11/7 | 11/8 | 11/9 |
|------------------------------|---------------------|--|------|------|------|
| Chad Jones                   | CISCO               | CISCO  | CJ   | CJ   | CJ   |
| David Abramson               | TI                  | TI   | DA   | DA   | DA   |
| Chris Bullock                | CISCO               | CISCO  | CB   | CB   | CB   |
| LENNART KROBOST              | PHILIPS LIGHTING    | PHILIPS LIGHTING                             | LK   | LK   |      |
| 5 Matthias Wendt             | Philips Lighting    | Philips Lighting                             | MW   | MW   | MW   |
| John Skinner                 | Sifos Technologies  | Sifos Technologies                           | JS   | JS   | JS   |
| Darshur Yuv                  | Microsemi           | Microsemi                                    | DY   | DY   | DY   |
| Heath Stewart                | ADI                 | ADI  | HS   | HS   | HS   |
| Michael Paul                 | ADI                 | ADI  | MP   | MP   | MP   |
| 10 Andrea Agnes              | ST Microelectronics | ST Microelectronics                          | AA   | AA   | AA   |
| Rick Frosch                  | PHilong             | PHilong                                      | RF   | RF   | RF   |
| Joel Goergen                 | CISCO               | CISCO  | JG   | JG   | JG   |
| SHAHAR FELDMAN               | MICROSEMI           | MICROSEMI                                    | SF   | SF   | SF   |
| Fred Dawson                  | CHEROKEE            | CHEROKEE                                     | FD   | FD   |      |
| 15 Craig Chabot              | UNH-TOL             | UNH-TOL                                      | CC   | CC   |      |
| Jairo Buitrago Lopez         | WÜRTH ELEKTRONIK    | WÜRTH ELEKTRONIK                             | JB   | JB   |      |
| Yous Lemdine                 | ON                  | ON   | YL   | YL   | YL   |
| Prof. Greg Zimmer            | CME Conalty         | ADI, APL Group, Agilent, Bmw, Cisco, Comcast | GZ   | GZ   | GZ   |
| Zell Thompson                | GEARSI              | Ind  | ZT   | ZT   | ZT   |
| 20 <del>Jon</del> Ron Telcas | BELDEN              | BELDEN                                       | RT   | RT   | RT   |

