

Meeting Minutes: IEEE P802.3bt DTE Power via MDI over 4-Pair Task Force
September 11-14, 2017
Charlotte, NC
Prepared by: Dylan Walker

The meeting of IEEE P802.3bt DTE Power via MDI over 4-Pair Task Force was convened at 9:00am, Monday, September 11, 2017 by Chad Jones, P802.3bt Task Force Chair.

Monday, September 11, 2017

9:00am – 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.

The Chair made note of two ad hocs to be held in the same room:

SCC18 Ad Hoc, Wed 1pm
LLDP Ad Hoc, Wed 4-6pm

09:04 Motion 1: Move to approve the agenda for the September 2017 IEEE P802.3bt Task Force meeting

Mover: Lennart Yseboodt
Second: Yair Darshan
Procedural (50%) – Passes by voice without opposition

09:07 Motion 2: Move to approve the July 2017 minutes for IEEE P802.3bt

Mover: David Stover
Second: Matthias Wendt
Procedural (50%) – Passes by voice without opposition

09:10 The Chair made the call for potentially essential patents. None responded.

09:17 Meeting was turned over to Task Force Comment Editor David Abramson for comment resolution.

10:30 Morning break.

10:49 Back in session, comment resolution continues.

12:00 Lunch break.

13:15 Back in session, comment resolution continues.

14:57 Motion 3: Comment i-52

Move to accept 'Choice 2' as the resolution for comment i-52

Mover: Lennart Yseboodt
Second: Heath Stewart

Technical, 75%

Y: 8 N: 4 A: 7

Motion fails

14:59 Motion 4: Comment i-52

Move to accept 'Choice 1' as the resolution for comment i-52

Mover: Lennart Yseboodt

Seconder: Yair Darshan

Technical, 75%

Y: 11 N: 0 A: 9

Motion passes

15:20 Afternoon break.

15:42 Back in session, comment resolution resumes.

17:45 Recessed for the day. Closed 58 comments, touched 105, deferred 46, 169 left to touch.

Tuesday, September 12, 2017

8:00am – Task Force in session

08:00 Back in session, comment resolution resumes.

10:13 Morning break.

10:30 Back in session, comment resolution continues.

11:49 Lunch break.

13:00 Chair increased microphone volume.

13:03 Back in session, comment resolution continues.

15:26 Afternoon break.

15:42 Back in session, comment resolution resumes.

16:50 Motion 5: Comment i-343

Move to accept suggested remedy of i-343

Mover: Dave Abramson

Seconder: Lennart Yseboodt

Technical, 75%

Y: 13 N: 3 A: 2

Motion passes

17:52 all TFTD comments have been touched. 112 comments still in TFTD bucket, 48 WFP, 64 deferred. Comment resolution continues.

18:13 Recessed for the day. 61 comments closed today. 108 comments remaining.

Wednesday, September 13, 2017

8:04am – Task Force in session

08:04 Back in session. Starting presentations that help to address comments.

08:05 Presentation 1

Title: Dual-signature LLDP

Link: http://ieee802.org/3/bt/public/sep17/yseboodt_04_0917_LLDP.pdf

Presenter: Lennart Yseboodt, Philips Lighting

08:45 Presentation 2

Title: Clause 30

Link: http://ieee802.org/3/bt/public/sep17/darshan_05_0917_Clause_30.pdf

Presenter: Yair Darshan, Microsemi

09:22 103 comments remaining.

09:25 Presentation 3

Title: Unbalance

Link: http://ieee802.org/3/bt/public/sep17/darshan_03_0917.pdf

Presenter: Yair Darshan, Microsemi

09:41 Presentation 4

Title: Comment (i-426, 145.2.8.5.1, Page 159 Line 27)

Link: http://ieee802.org/3/bt/public/sep17/darshan_02_0917.pdf

Presenter: Yair Darshan, Microsemi

10:00 Presentation 5

Title: Comments i-250, i-251 / Comment i-254

Link: http://ieee802.org/3/bt/public/sep17/darshan_13_0917_Rev002.pdf

Presenter: Yair Darshan, Microsemi

10:37 Morning break.

10:58 Back in session. Presentations that help to address comments continue.

10:58 Presentation 6

Title: Comment i-251 and i-252

Link:

http://ieee802.org/3/bt/public/sep17/stewart_02_0917_darshan_13_response_r2.pdf

Presenter: Heath Stewart, ADI

11:39 Presentation 7

Title: P802.3bt D3.0 – Fixes to the Autoclass state diagram

Link: http://ieee802.org/3/bt/public/sep17/yseboodt_07_0917_pdautoclassfix.pdf

Presenter: Lennart Yseboodt, Philips Lighting

12:00 Lunch break. 100 comments remaining.

14:00 Back in session. Presentations continue.

14:02 Presentation 8

Title: P802.3bt D3.0 – Unbalance Figures 145–22 and 145–31

Link: http://iee802.org/3/bt/public/sep17/yseboodt_02_0917_Figure_145_22.pdf

Presenter: Lennart Yseboodt, Philips Lighting

14:22 84 comments remaining.

14:40 Presentation 9

Title: P802.3bt/D3.0 Overview

Link: <http://iee802.org/3/bt/public/sep17/GOT%20-%20Proposed%20text.txt>

Presenter: Geoff Thompson, GraCaSI

14:52 Presentation 10

Title: The effect of aging on PD forward voltage and PD PI per-to-pair effective resistance/current unbalance

Link: http://iee802.org/3/bt/public/sep17/darshan_12_0917.pdf

Presenter: Yair Darshan, Microsemi

15:17 Afternoon break. 81 comments remaining.

15:32 Back in session. Presentations continue.

15:37 Presentation 11

Title: Comment i-104

Link: http://iee802.org/3/bt/public/sep17/darshan_15_0917.pdf

Presenter: Yair Darshan, Microsemi

16:36 78 comments remaining.

16:38 Presentation 12

Title: Comment i-251 and i-252 (shown again with updates made per discussions within TF)

Link:

http://iee802.org/3/bt/public/sep17/stewart_02_0917_darshan_13_response_r2.pdf

Presenter: Heath Stewart, ADI

16:49 75 comments remaining.

16:51 Presentation 13

Title: Class Probe Optimization

Link: http://iee802.org/3/bt/public/sep17/stewart_01_0917.pdf

Presenter: Heath Stewart, ADI

17:37 Recessed for the day. 33 comments closed on day 3. 75 remain in TFTD bucket.

Thursday, September 14, 2017

8:00am – Task Force in session

08:00 Back in session. Resuming presentations that help to address comments.

08:03 Presentation 14

Title: Dual-signature LLDP (shown again with updates made per discussions within TF)

Link: http://iee802.org/3/bt/public/sep17/yseboodt_04_0917_LLDP.pdf

Presenter: Lennart Yseboodt, Philips Lighting

08:09 Presentation 15

Title: Class Probe Optimization (shown again with updates made per discussions within TF)

Link: http://iee802.org/3/bt/public/sep17/stewart_01_0917.pdf

Presenter: Heath Stewart, ADI

08:43 61 comments remaining.

08:47 Presentation 16

Title: Comment i-451

Link: http://iee802.org/3/bt/public/sep17/darshan_11_0917.pdf

Presenter: Yair Darshan, Microsemi

09:03 Presentation 17

Title: Inrush

Link: http://iee802.org/3/bt/public/sep17/yseboodt_10_0917_inrush.pdf

Presenter: Lennart Yseboodt, Philips Lighting

10:08 Morning break.

10:25 Back in session.

10:26 Presentation 18

Title: Proposed New Annex

Link: http://iee802.org/3/bt/public/sep17/diminico_01_0917.pdf

Presenter: Chris DiMinico, MC Communications

10:55 Presentation 19

Title: Homework for comment 379

Link: http://iee802.org/3/bt/public/sep17/yseboodt_09_0917_introduction.pdf

Presenter: Lennart Yseboodt, Philips Lighting

11:08 Presentation 20

Title: Mark & Hold feasibility study 2

Link: http://iee802.org/3/bt/public/sep17/lukacs_01_0917_v11.pdf

Presenter: Miklos Lukacs, Silicon Labs

11:40 Presentation 21

Title: Proposal for Removal of Test Modes

Link: http://iee802.org/3/bt/public/sep17/stewart_03_0917_final.pdf

Presenter: Heath Stewart, ADI

11:47 35 comments remaining.

11:52 Lunch break.

13:13 Back in session. Presentations continue.

13:15 Presentation 22

Title: "Channel" vs "Link section" effects on pair-to-pair resistance unbalance requirements Comment i-425, D3.0

Link: http://iee802.org/3/bt/public/sep17/darshan_01_0917.pdf

Presenter: Yair Darshan, Microsemi

14:02 Motion 6

Motion to reopen comment 99

Mover: Lennart Yseboodt

Seconder: Yair Darshan

Procedural, 50%

Passes by voice without opposition

14:23 29 comments remaining.

14:35 Presentation 23

Title: PD input power

Link: http://iee802.org/3/bt/public/sep17/yseboodt_01_0917_pdinputpower.pdf

Presenter: Lennart Yseboodt, Philips Lighting

15:20 Motion 7

Move to adopt Yseboodt_01_0917_pdinputpower.pdf (v120) for inclusion in D3.1

Mover: Dave Abramson

Seconder: Chris Bullock

Technical, 75%

Y: 14

N: 4

A: 5

Motion passes

15:26 Afternoon break.

15:44 Back in session.

15:45 Presentation 24

Title: Proposed Remedy for Comment i-209

Link: http://iee802.org/3/bt/public/sep17/zimmerman_3bt_01_0917.pdf

Presenter: George Zimmerman, CME Consulting

16:26 Motion 8

Motion to adopt suggested remedy of comment 484.

Mover: Ken Bennett
Seconded: Lennart Yseboodt

Technical, 75%
Y: 14 N: 1 A: 7

Motion passes

17:03 Presentation 25

Title: Comments i-108, i-173, i-419, i-424 (presented again with updates)
Link: http://ieee802.org/3/bt/public/sep17/darshan_03_0917_Rev001.pdf
Presenter: Yair Darshan, Microsemi

17:21 Presentation 26

Title: P802.3bt D3.0 – Creating margin in the unbalance specification
Link: http://ieee802.org/3/bt/public/sep17/yseboodt_03_0917_unbalancemargin.pdf
Presenter: Lennart Yseboodt, Philips Lighting

17:48 Presentation 27

Title: Comment i-204
Link: http://ieee802.org/3/bt/public/sep17/darshan_09_0917.pdf
Presenter: Yair Darshan, Microsemi

18:00 Motion 9

Move that the IEEE P802.3bt 4PPoE Task Force accept the comment resolutions to D3p0 as detailed in 802d3bt_D3p0_FINAL_DraftOrder.pdf from the September 2017 Task Force meeting and charter the editor to produce D3p1 for Sponsor Ballot recirculation and comment.

Mover: Dave Abramson
Seconded: Lennart Yseboodt

Technical, 75%
Passes by voice without opposition

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 process the remaining comments while the TF observed.

The Chair then moved to the closing business. The chair made a call for presenters to check the web to ensure the files posted were indeed the final files as referred to in the CDB. He stated that there was a lot of churn on the presentations and it is possible for human error under these conditions.

The Chair reviewed a liaison letter from EA concerning the newly launch EA PoE compliance program. Since the letter was received midweek, the TF will address the letter in November.

The chair reviewed the timeline to D3.1. The plan is to give the editor 3 weeks to incorporate the comments. This means the recirculation will open about October 9, 2017, closing about October

23, 2017. This will be less than two weeks before the November Plenary. The comment editor will make the best effort to get proposed responses on or before Oct 27. TFTD pulls will be due November 2, allowing the PDFS to get posted on Friday November 3rd so the files are available for review before most would travel to Orlando.

The Chair then reviewed to TF timeline. Currently, it is vague beyond January 2018. The Chair will make a second slide covering Sponsor Ballot and propose the TF adopt in November.

18:38 Having exhausted the agenda, the Chair has adjourned the meeting.

Name	Employer	Affiliation	9/11	9/12	9/13	9/14	9/15
Chad Jones	CISCO	CISCO	cmj	cmj	cmj	cmj	
David Abramson	TI	TI	Da	Da	Da	Da	
Sesha Pangaluri	Broadcom	Broadcom	psb	psb	psb	psb	
Alon Ferentz	Microsemi	Microsemi	Z	Z	Z	Z	
⁵ YAIR Darshan	Microsemi	Microsemi	Z	Z	Z	Z	
David Tremblay	HPE	HPE	DT	DT	DT	DT	
Jouis Lemahieu	ON	ON	OL	OL	OL	OL	
Chris Bullock	Cisco	Cisco	CB	CB	CB	CB	
Dylan Walker	Cisco	Cisco	DW	DW	DW	DW	
¹⁰ Craig Chabot	UNH-POL	UNH-IOL	cc	cc	cc	cc	
Fred Janson	CHEROKEE	CHEROKEE	FJ	FJ	FJ	FJ	
Ken Bennett	Sifos Tech.	Sifos Tech	KB	KB	KB	KB	
David Stover	ADI	ADI	D.S.	D.S.	D.S.	D.S.	
Heath Stewart	ADI	ADI	HS	HS	HS	HS	
¹⁵ Andrea Agnes	ST Microelectronics	ST Microelectronics	Aa	Aa	Aa	Aa	
Matthias Wendt	Philips Lighting	Philips Lighting	MW	MW	MW	MW	
Lennart Ysebaert	Philips Lighting	Philips Lighting	LY	LY	LY	LY	
Gerrit Thompson	GRALAS	Ind	G	G	G	G	
Jonathan Goldberg	IEEE	IEEE	JG	JG	JG	JG	
²⁰ John Calvi	UTM	UTM	JC	JC	JC	JC	

Name	Employer	Affiliation	9/11	9/12	9/13	9/14	9/15
Miklos Lukacs	Silicon Labs	Silicon Labs	/	KL's JL's	JL's JL's	JL's JL's	JL's JL's
Ludwig WINNEL	Siemens AG	Siemens AG	/	GL	/	/	/
ARKADIY PEKER	Microsemi	Microsemi	/	/	A.P.A.P	/	/
BORHAN LATHI MOGHADAM	NVIDIA	NVIDIA	/	/	/	/	BA B
5 Peter Song	Cisco	Cisco	/	/	/	/	PS
DAVID LAW	HPE	HPE	/	/	/	/	D
Brett McClellan	Marvell	Marvell	/	/	/	/	BA
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