

IEEE802.3bt San Antonio, Texas November 4-6, 2014 Meeting Minutes

Fred Schindler

Tuesday, November 04, 2014

802.3bt task force in session at 1:00 PM.

- Appoint secretary: Fred Schindler graciously accepted to perform secretary duties for Yair Darshan, who volunteered for the position last meeting when his phone rang during the session.
- Agenda review

1. **Motion:** Move to approve the Agenda moved by Fred Schindler, seconded by Lennart Yseboodt. Passes by voice with no opposition.

2. **Motion:** Move to approve IEEE 802.3bt September Minutes, moved by Philip Brownlee seconded by Fred Dawson. Passes by voice with no opposition.

- Cover ground rules, IEEE Patent Policy
- Call for potentially essential patents; no reply.
- Editor update: Posted first draft, D0.1, October 19, 2014. Kousalya Balasubramanian
- 13:30 **Presentation:** Base Line proposal for updating clause 33.4.9 With 10GBaseT Midspan PSE Requirements. Yair Darshan.

3. **Motion:** Move to adopt "darshan_03_1114r007.pdf" as presented 11/04/14 as baseline text

Mover: Yair Darshan, Seconder: Rick Frosch

Technical

Y: 24 N: 0 A: 5

Motion Passes

- 13:47 **Presentation:** PD Types for bt Standard. Yan Zhuang.
- 14:18 Comment Tool Review. Using IEEE 802.3bj May 2012 Wael Diab slides. Chad Jones.
 - Use clause 00 whole doc; 99 front matter.
- 14:44 Presentation: Dual PD interface with different class. Yair Darshan
- 15:14 Session break.
- 15:32 Session resumes.
- **Presentation:** Current Limits - Part II, Base Line Text. Kousalya Balasubramanian

4. **Motion:** Move to accept text in slides 6 and 8 (Inrush text) of Balasubramanian_01_1114r002.pdf as base line text for IEEE802.3bt

Mover: K. Balasubramanian, Seconder: Yair Darshan

Technical

Y: 21 N: 0 A: 4

Motion Passes

5. **Motion:** Move to accept text in slides 10 and 12 (Icut text) of Balasubramanian_01_1114r002.pdf as base line text for IEEE802.3bt

Mover: K. Balasubramanian, Seconder: Matthias Wendt

Technical

Y: 21 N: 0 A: 4

Motion Passes

6. **Motion:** Move to accept text in slides 14 and 16 (Ilim text) of Balasubramanian_01_1114r002.pdf as base line text for IEEE802.3bt

Mover: K. Balasubramanian, Seconder: Yair Darshan

Technical

Y: 24 N: 0 A: 4

Motion Passes

15:57 **Presentation:** Ripple and Noise requirements for Type 3 and 4 systems. Yair Darshan.

7. **Motion:** Move to adopt slides 5, 6 and 7 of “darshan_02_1114r004.pdf” as presented 11/04/14 as baseline text

Mover: Yair Darshan, Seconder: Rick Frosch

Technical

Y: 24 N: 0 A: 4

Motion Passes

- 14:15 **Presentation:** Diode Measurements. Lennart Yseboodt
- Mutual ID ad hoc tomorrow 5 to 6pm in the .BT room.
- 4PID ad hoc Thursday 8 – 9am.
- 16:34 **Liaison Response:** ISO/IEC/JTC. Dr. Albrecht Oehier; read by Chad Jones.
- Direct the chair to create a response to the Liaison response.

- **16:58 Presentation:** PSE PI pair to pair voltage difference. Yair Darshan.

Session recessed at 17:30 as required to allow reconfigure of the room for the Tuesday night CFIs.

Wednesday, November 05, 2014

802.3bt task force in session at 8:35am.

- 8:35 **4PID-L1 Adhoc report**, George Zimmerman
- 8:45 **Presentation:** 4PID Revisited. Dave Dwelley
- 9:08 **Presentation:** 4P-ID Discussion Status. Yair Darshan
- 9:31 **Presentation:** , Mutual ID Baseline Text: An Overview, David Abrahamson.

10:16 Session Recess

10:35 Session Resumes.

- **Presentation:** PSE PI pair to pair voltage difference, Yair Darshan.

8. **Motion:** Move to adopt PSE pair to pair voltage difference parameter as shown in the table on slide 6 of darshan_04_1114r002.pdf.

Mover: Yair Darshan, Seconder: Kousi Balasubramanian

Technical

Y: 24 N: 0 A: 3

Motion Passes

- Confirm room supports a new Yair Darshan presentation if time permits.
- 10:57 **Presentation:** PD Behavior in Undefined 20.5V~30V Area, Gaoling Zou.
- 11:08 **Presentation:** Connection Check: 2 New Methods, Miklos Lukacs, David Abramson.

11:26 Recesses for lunch.

13:15 Back in session

- **Presentation:** Extended Power baseline proposal, Lennart Yseboodt.
- 14:41 **Presentation:** DC Disconnect, Jean Picard.
- 16:33 **Presentation:** Autoclass, Lennart Yseboodt.

1. **Straw Poll:** The .bt project should support Autoclass. Do you agree with this statement ?

Y 24, N 0

15:01 Recess

15:22 Sessions Resumes.

- Liaison Response: review
- 16:26 **Presentation:** UPDATING THE TABLES, Kousalya Balasubramanian.

9. **Motion:** Motion to accept rows 1,2,4,6 and 7 of Table 33-11 shown in Balasubramanian_02_1114.pdf as base line text for IEEE802.3bt

Mover: K. Balasubramanian , Seconder: Fred Schindler

Technical

Y: 26 N: 0 A: 4

Motion Passes

10. **Motion:** Motion to accept rows 8 and 10 of Table 33-11 shown in Balasubramanian_02_1114.pdf as base line text for IEEE802.3bt

Mover: K. Balasubramanian, Seconder: Jean Picard

Technical

Y: 24 N: 2 A: 8

Motion Passes

11. **Motion:** Motion to accept rows 1,2,3 and 6 of Table 33-18 shown in Balasubramanian_02_1114.pdf as base line text for IEEE802.3bt

Mover: K. Balasubramanian, Seconder: Matthias Wendt

Technical

Y: 26 N: 0 A: 4

Motion Passes

Session recessed at 17:00 to allow time for Mutual ID ad hoc. Scheduled to reconvene at 9AM Thursday, allowing time for the 4P-ID ad hoc at 8am.

Thursday, November 06, 2014

802.3bt task force back in session at 9:21am. Started late because extra time was required and granted to the 4P-ID ad hoc.

- **Presentation:** Interoperability and Backward Compatibility, Yair Darshan.

10:03 Recesses.

10:17 Session Resumes

- **Presentation:** New and old E2ECP2PRUNB information, Yair Darshan.
- RDSO_N_MAX to RMIN the groups agreed to use the 30% value covered on slides 7, and 8.
- 10:53 Chad review of Liaisons letter input.

12. **Motion:** Move to direct the Chair to present the ISO letter reply to the IEEE 802.3 WG.

Mover: Lennart Yseboodt, Secunder: Yair Darshan

Passes by voice without opposition.

- 11:14 Straw Polls

2. **Straw Poll:** I support a standard that allows BOTH a 1 and 2 power channel PSE.

Y12 N 0

Chair notes that the room attendance is >30.

3. **Straw Poll:** Do you agree that the 802.3bt group should search for and develop alternative method(s) for signaling the new MPS capability to the current 'Long 1st class timing event (T_{LCF})' proposal of 85-100ms for Type 3 and 4 PSEs, for further discussion and consideration?

Y 13 N 6

13. **Motion:** Move that IEEE802.3bt accept the text in Mutual_ID_PSE_updated.docx as baseline text.

Mover: David Abramson, Secunder: Koussalya Balasubramanian

Technical

Y: 24 N: 0 A: 7

Motion Passes

14. **Motion:** Move that IEEE802.3bt accept the text in Mutual_ID_PD_updated.docx as baseline text.

Mover: David Abramson, Secunder: Koussalya Balasubramanian

Technical

Y: 21 N: 2 A: 8

Motion Passes

15. **Motion:** Move to adopt P802.3bt D0.1

Mover: Matthias Wendt, Secunder: Kousi Balasubramanian

Technical

Y: 31 N: 0 A: 2

Motion Passes

16. **Motion:** Move to direct editor to create P802.3bt D0.2

Mover: Len Stencel, Secunder: Fred Schindler

Technical

Y: 30 N: 0 A: 2

Motion Passes

17. **Motion:** Move to proceed with the first Task Force review cycle with a minimum three weeks of review time

Mover: Fred Schindler, Secunder: Dave Abramson

Technical

Y: 34 N: 0 A: 0

Motion Passes

- 11:51 Chad, cover commenting do's and don't's.

18. **Motion:** Move to adjourn.

Moved by Matthias Wendt seconded by David Abrahamson. Passes by voice with no opposition.

Session Ends 11:55am.

Name	Employer	Affiliation	10/4	10/5	10/6
Chad Jores	CISCO	CISCO	CWJ	CWJ	CWJ
Fred Schindler	Seen Simply	Broadcom, Cisco, TI	FS	FS	FS
Matthias Wendt	Philips	Philips	W	W	W
LENNART YSEBROOD	PHILIPS	PHILIPS	Y	Y	Y
CHRISTIAN BEIA	STMicroelectronics	STmicroelectronics	B	B	B
Fred DAWSON	DuPont	DuPont	D	D	D
David Tremblay	HP	HP	DT	DT	DT
GAOLING ZOU	MAXIM	MAXIM	ZG	ZG	ZG
Yan ZHUANG	Huawei	Huawei	ZY	ZY	ZY
Peter Scrnton	UNH - IOL	UNH - IOL	S	S	S
Koussalya Balasubramanian	CISCO	CISCO	KB	KB	KB
John Nguyen	CISCO	CISCO	JN	JN	JN
IS MAIL SORIO	BROADCOM	BROADCOM	IJ	IJ	IJ
SESHA PANGULURI	BROADCOM	BROADCOM	SP	SP	SP
Vair Darskan	MSCE	MSCE	S	S	
JOHN WILSON	SILICON LABS	SILICON LABS	JW	JW	JW
Miklos Lukacs	Silicon Labs	silicon Labs	Luk's Mills	Luk's Mills	Luk's Mills
David Abramson	Texas Instruments	Texas Instruments	DA	DA	DA
Rick Frosch	PHitong	PHitong	RF	RF	RF
THUYEN DINH	PULSE	PULSE	TD	TD	

Name	Employer	Affiliation	10/4	10/5	10/6
Len Stencel	Bourns, Inc.	Bourns, Inc.	LS	LS	
James Malkemus	General Cable	General Cable	JM		
Don Milecich	CREE Inc.	CREE Inc.	DM	DM	DM
Ph. ll. p Brounlee	COILCRAFT	COILCRAFT	SB	SB	SB
5 Andy Gardner	Linear Technology	Linear Technology	AG	AG	AG
Brian Buckmeier	Bel Stewart Connector	Bel Stewart Connector	BB	BB	BB
Kwang-Hyun Baek	Chung-ang Univ.	chung-ang Univ.	KB		
SHAHAR FELDMAN	MICROSEMI	MICROSEMI	SF	SF	SF
DAVE DUNELBY	LTC	LTC	DD	DD	DD
10 DAVID LAW	HP	HP	DL	DL	
JEAN PIZARD	Ti	Ti	JP	JP	
Greg Zimmere	AME Conalty	Linear T + Comscape		GG	GG
John Nguyen	Cisco	Cisco	JN	JN	
Jon Lewis	Dell	Dell		JL	JL
15 John CAMAGNA	AKROS	AKROS		JC	
Victor Renteria	Bel/TRP	Bel/TRP		VR	VR
Paul Kish	BELOEM	BELOEM		PK	
Bryan Moffitt	Commscope	Commscope		BM	
Parker Rimbach	microsemi	microsemi		PR	
20 Ron Norwin	Panduit	Panduit		RN	

Name	Employer	Affiliation	10/4	10/5	10/6	
STERLING WADEN	WADEN ENT.	"	/	/	SV	
Garry Thompson		Liner	/	/	G	
DAVE DUNN	LTC	LTC	/	/		
Paul Vandertaan	Berk-Tek LLC	Berk-Tek LLC	/	/	PTL	
Shadi Abo Gharaiah	Hubbell	Hubbell	/	/	SMB	
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