

IEEE802.3bt Bonita Springs , FL USA Sep 15-18, 2015 Meeting Minutes

Gaoling Zou

Tuesday, Sep 15, 2015

802.3bt task force in session at 8:00.

- Secretary: Gaoling Zou
- **Motion#1 8:00**
Motion to approve agenda for September 2015 Task Force meeting
Mover: Matthias Wendt
Seconder: Fred Schindler
Procedural, 50%
Passes by voice without opposition
- 8:05~8:07 Self-introduction
- 8:07~8: Agenda review
 - Goals for the meeting,
 - Cover ground rules, IEEE Patent Policy,
 - Call for potentially essential patents; no reply.
 - Liaisons and Communications
- **Motion#2 8:26**
Motion to approve minutes from July 2015
Mover: Lennart Yseboodt
Seconder: Dave Dwelley
Procedural, 50%
Passes by voice without opposition
- **Motion #3 8:27**
Motion to approve the responses for the EZ Bucket comments as found in the file 802d3_bt_D1p2_EZ_ProposedResponses_DraftOrder.pdf with the exception of comments: 1, 76, 77, 78, 79, 80, 81, 84, 86, 89, 90, 94, 103, 108, 119, 210
Mover: Dave Abramson
Second: Rick Frosh
Technical 75%
Y:16 N:0 A:0

08:28 Session recess

08:35 Session resumes

- 08:35~10:00 IEEE P802.3bt D1.2 4P PoE 5th Task Force review Comments; Dave Abramson

10:00 Session recess

10:15 Session resumes

- 10:15~11:30 IEEE P802.3bt D1.2 4P PoE 5th Task Force review Comments; Dave Abramson

11:30 Morning session ends

15:20 Session resumes

- 015:20~17:20 IEEE P802.3bt D1.2 4P PoE 5th Task Force review Comments; Dave Abramson

17:20 Afternoon session ends

Wednesday, Sep 16, 2015

8:03 Session resumes

- 08:05~10:06 IEEE P802.3bt D1.2 4P PoE 5th Task Force review Comments

10:06 Session recess

10:25 Session resumes

- 10:25~11:26 IEEE P802.3bt D1.2 4P PoE 5th Task Force review Comments

Motion#4 11:28

This standard is dedicated to the memory of our friend and colleague Martin Patoka.'

Mover: Chad Jones

Seconder: Dave Dwelley

Procedural, 50%

Passes by voice without opposition

11:26 Morning session ends

13:01 Session resumes

- 13:01~14:00 **Presentation:** darshan_04_0915- Updating TBDs and E2EP2P_lunb numbers per latest changes in Draft D1 Yair Darshan
- 14:01~14:32 **Presentation:** PD Behavior during PSE Transient D1.2 comment # 232, v3; Fred Schindler
- 14:33~15:02 IEEE P802.3bt D1.2 4P PoE 5th Task Force review Comments

15:02 Session recess

15:20 Session resumes

- 15:22~15:44 **Presentation:** Autoclass Power Margin II; Lennart Yseboodt
- 15:45~16:25 **Presentation:** linrush for Type 3 and 4 PSEs_Rev 009 Yair Darshan

Motion#5 16:25

Motion to adopt darshan_03_0915rev009a.pdf slide 3 and slide 7 as baseline text for P802.3bt D1.3.

Mover: Yair Darshan

Seconder: Lennart Yseboodt

Y: 14 N: 5 A: 6

Motion fails

- 16:26~16:37 **Presentation:** Classification Overview; Lennart Yseboodt
- 16:38~17:14 **Presentation:** Coming to Grips with 2p; Dave Dwelley

Motion#6 17:27

Move to accept the contents of DRAFT_IEEE_802_3_comment_to_FR 4643_091615_R3.doc as the proposed 802.3 comment on Article 840.160 of the draft 2017 National Electrical Code.

Mover: Steve Carlson

Seconder: Geoff Thompson

Y: 29 N: 0 A: 1

17:28 Afternoon session ends

Thursday, Sep 17, 2015

8:01 Session resumes

- 8:01~9:17 **Presentation:** IEEE P802.3bt State Diagram Proposal ; Dan Dove
- 9:18~10:18 **Presentation:** Type 3/Type 4 PSE State Diagram ; Chris Bullock, Dylan Walker

10:18 Session recess

10:35 Session resumes

Straw Poll#1 10:45

I support proceeding with the hierarchical State Diagram

Y: 4

I support proceeding with the flat State Diagram

Y: 11

I support removing the State Diagram from D1.3

Y: 0

- 10:45~11:28 **Presentation** Type3 and Type4 Comparison; Lennart Yseboodt

Straw Poll#2 11:30 (Chicago Rules)

Type 4 is Class 1-8

Y: 9

Type 4 is Class 5-8

Y: 9

Type 4 is Class 7-8

Y: 7

Straw Poll#3 11:31 (Pick only one)

Type 4 is Class 1-8

Y: 9

Type 4 is Class 5-8

Y: 1

Type 4 is Class 7-8

Y: 6

- 11:29~12:13 **Presentation** Only PD affects PD POWERUP Tinrush max (Not the PSE Tinrush Timer); Yair Darshan
- 12:13 Morning session ends

13:47 Session resumes

- 13:47~14:38 **Presentation** Revision of Fig. 33-14 ; Lennart Yseboodt
- 14:39~14:51 **Presentation** Update Figure 33-14; Yair Darshan
- 14:51~15:01 IEEE P802.3bt D1.2 4P PoE 5th Task Force review Comments

15:01 Session recess

15:21 Session resumes

- 15:21~15:58 **Presentation** LLDP Extension V120 ; Lennart Yseboodt
- 15:59~16:09 **Presentation** Updates for ILIM-2P(min) for 802.3bt D.12 based on 802.3bt D1; Yair Darshan

- 16:10~16:13 **Presentation** 09IEEE802.3 4P Task Force Annex 33A.5 Updates; Yair Darshan
- 16:14~16:20 IEEE P802.3bt D1.2 4P PoE 5th Task Force review Comments
- 16:21~16:48 **Presentation** Analysis of "The impact of remote powering (PoE) on Balanced Twisted Pair Cables.; Lennart Yseboodt
- 16:49~17:21 **Presentation** Type 3/4 PSEs Inrush_max value with Type 1/2 PDs;Yair Darshan

17:22 Afternoon session ends

Friday, Sep 18, 2015

8:02 Session resumes

- 9:02~9:22 IEEE P802.3bt D1.2 4P PoE 5th Task Force review Comments

Motion 7 #9:24

Move to adopt Walker_3_0915_rev_1.pdf as baseline text for P802.3bt D1.3

Mover: Dylan Walker

Seconder: Chris Bullock

Y: 20 N: 0 A: 7

- 9:25~10:02 IEEE P802.3bt D1.2 4P PoE 5th Task Force review Comments

10:03 Session recess

10:14 Session resumes

- 10:14~11:46 IEEE P802.3bt D1.2 4P PoE 5th Task Force review Comments

Motion 8 #11:46

Motion to amend comment 31

Mover: Yair Darshan

Seconder: Dave Abramson

Procedural, 50%

Passes by voice without opposition

Motion 9 #11:50

Move to adopt comment resolutions in the comment database and charter the editors to create D1.3 by incorporating the comment resolutions and motions, providing both a change bar and clean version of the document, by Sept 28.

Mover: Dave Abramson

Seconder: Lennart Yseboodt

Y: 22 N: 0 A: 0

Motion 10 #11:52

Move that the Chair holds a comment cycle starting no later than September 29 and ending October 5, 2015 11:59PM AOE

Mover: Dave Abramson

Seconder: Matthias Wendt

Y: 20 N: 1 A: 1

- 11:59~12:20 **Presentation** Type3 and Type4 Comparison; Lennart Yseboodt

12:20 September 2015 Session ends

4PPoE Task Force Attendance

Initial to indicate attendance

Name	Employer	Affiliation	9/15	9/16	9/17	9/18
Chad Jones	CISCO	CISCO	CMJ	CMJ	CMJ	CMJ
David Abramson	TI	TI	DA	DA	DA	DA
Fred Schindler	Seen Simply	Broadcom Cisco TI	FS	FS	FS	FS
DAVE DWELLEY	LTC	LTC	DWD	DWD	DWD	DWD
5 Yair Darchen	Microsemi	Microsemi	YD	YD	YD	YD
Georg Zimmermann	CMS Consulting	Aquantix, Comscape etc	GZ	GZ	GZ	GZ
LENNART YSEBOUT	PHILIPS	PHILIPS	LY	LY	LY	LY
Ken Bennett	Sifos Tech.	Sifos Tech	KB	KB	KB	KB
Craig Chobot	UNH-IDL	UNH-IDL	CC	CC	CC	CC
10 Rick Frosch	PHILIPS	PHILIPS	RF	RF	RF	RF
Dylan Walker	Cisco	Cisco	DW	DW	DW	DW
Dennis Keuntz	Chemours	Chemours	DK	DK	DK	DK
David Tremblay	HP	HP	DT	DT	DT	DT
David Hoglund	Johnson Controls	Johnson Controls	DH	DH	DH	DH
15 SETHA PANGULURI	BROADCOM	BROADCOM	PS	PS	PS	PS
GAOLING ZOU	MAXIM	MAXIM	GZ	GZ	GZ	GZ
Matthias Wendt	Philips	Philips	MW	MW	MW	MW
JEAN PICARD	Ti	Ti	JP	JP	JP	JP
Andy Gardner	Linear Technology	Linear Technology	AG	AG	AG	AG
20 STEVE CARLSON	HSD	BOSCH, BRCM, MARVELL	SC	SC	SC	SC

4PPoE Task Force Attendance

Name	Employer	Affiliation	9/15	9/16	9/17	9/18
Miklos Lukacs	Silicon Labs	Silicon Labs	Luk's	Luk's	Luk's	Luk's
Geo St Thompson	GRAD SI	Self	G	G	G	G
MASOOD SHARIF	CommScope	CommScope	MS	MS	MS	MS
SHAHAR FELDMAN	MICROSEMI	MICROSEMI	SF	SF	SF	SF
⁵ Eric DiBiasi	TE Connectivity	TE Connectivity	ED	/	/	/
David Hostund	Johnson Controls	Johnson	/	/	/	/
Ron Nordin	Panduit	Panduit	RAN	RAN	RAN	RAN
DAN DOVE	DNS FETC	LTC	CD	DD	DD	DD
Chris Bullock	Cisco	Cisco	CB	CB	CB	CB
¹⁰ STERLING VADEN	SURTEC	VADEN ENT		SU	SU	SU
JON LEWIS	DELL	DELL		OL	OL	OL
Paul Vandertaan	Berk-Tek	Berk-Tek		PLV	PLV	PLV
HAZFEI WAATH	Huawei	Huawei		✓	✓	
Parluch (Poldi) Rimboon	microsemi	microsemi		PR	PR	PR
¹⁵ Valerie Maguire	Siemon	Siemon		/	VER	VER
BRYAN SPITZER WITNER	LEVITON	LEVITON		/	/	/
Bernd Horrmeyer	Phoenix Contact	Phoenix Contact		/	/	/
Bryan McFitt	CommScope	CommScope		/	/	PEL
Michael Klempa	UNH IOL	UNH IOL		/	/	MK
			/	/	/	/

4PPoE Task Force Attendance

Initial to indicate attendance

Name	Employer	Affiliation	9/15	9/16	9/17	9/18
Matthias Friboke	HARTING EC	HARTING EC	/	/	/	/
5						
10						
15						
20						