

802.3 Out of cycle Interim Meeting
IEEE 802.3bp 1000BASE-T1 Task Force
Chair: Steven B. Carlson
Austin, TX, USA
2.9.2015

Monday, February 9, 2015

9:00 - Meeting convened

Steven Carlson - Agenda and General Information

- Appointment of Recording Secretary – Sasha Babenko, Molex

Motion #1

To accept the agenda

Moved by: Brett McClellan

Seconded by: Gary Yurko

Result: Motion passed unanimously by acclamation

Motion #2

To accept January minutes.

Moved by: Gary Yurko

Seconded by: Victor Berglund

Result: Motion passed unanimously by acclamation

- Welcome and Introductions
 - Thanks to Freescale Semiconductor and Dale Amason for hosting
- Review Agenda
- Task force decorum
- The Call for Patents was made and no response was received
- http://www.ieee802.org/3/bp/public/feb15/agenda_3bp_0215.pdf
- Steve Carlson mentioned that JASPER wants to have an informal liaison with IEEE 802.3 bp/bw. JASPER plans to have an internal meeting to discuss this prospect by the end of February 2015.
- Comment resolution to D1.2 start with Marek Hajduczenia, Chief Editor presenting via Web meeting. The presentations shown below were presented during comment resolution in support of comments
- Brett McClellan presented:

- http://www.ieee802.org/3/bp/public/feb15/mcclellan_3bp_01_0215.pdf
- Mike Tu presented:
http://www.ieee802.org/3/bp/public/feb15/tu_3bp_03_0215.pdf
- Mike Tu presented:
http://www.ieee802.org/3/bp/public/feb15/tu_3bp_01_0215.pdf
- William Lo presented:
http://www.ieee802.org/3/bp/public/feb15/Lo_3bp_01_0215.pdf
- Brett McClellan presented:
http://www.ieee802.org/3/bp/public/feb15/mcclellan_3bp_02_0215.pdf
- 12:00 – Lunch Break
- 1:00 – Reconvened
- William Lo presented:
http://www.ieee802.org/3/bp/public/feb15/Lo_3bp_02_0215.pdf
- Comment resolution resumed and successfully concluded at 3:05PM CST.
- Jim Graba presented:
http://www.ieee802.org/3/bp/public/feb15/graba_3bp_02_0215.pdf

Motion #3

Adopt additions/changes to PCS EEE text in graba_3bp_03_0215.pdf and adopt proposed changes to Clause 78.1.

Moved by: Mike Tu

Seconded by: Brett McClellan

Technical 75% required

All in Room

Y: 16 N: 0 A: 0

Result: Motion passes

Monday, February 9, 2015, 3:25 PM

- Jim Graba presented:
http://www.ieee802.org/3/bp/public/feb15/graba_3bp_01_0215.pdf

Motion #4

Adopt FEC protection for OAM data during LPI using the proposed text on page 8 of graba_3bp_01a_0215.pdf.

Moved by: Jim Graba

Seconded by: Steven Chen

Technical 75% required
All in Room
Y: 16 N: 0 A: 0
Result: Motion passes
Monday, February 9, 2015, 3:42 PM

- Ahmad Chini presented:
http://www.ieee802.org/3/bp/public/feb15/chini_3bp_01_0215.pdf

Motion #5

Accept text from chini_3bp_01_0215.pdf as shown below:
Slide 5, "97.8.2.3 MDI fault tolerance", paragraphs 1 and 3 (text shown in black)
Slide 6, "97.8.2.1 MDI return loss", all text in black
Slide 7, "97.5.1 EMC requirements", all text in black
Slide 8, "97.5.1.1 Immunity - DPI test, all text in black
Slide 8, "97.5.1.2 Emission - 150 ohm conducted emission test", all text in black

Moved by: Ahmad Chini
Seconded by: Larry Matola
Technical 75% required
All in Room
Y: 15 N: 0 A: 0
Result: Motion passes
Monday, February 9, 2015, 4:29 PM

The project spreadsheet was presented and updated. It is attached to these minutes as Appendix B.

- Mike Tu presented:
http://www.ieee802.org/3/bp/public/feb15/cordaro_3bp_01_0215.pdf

Motion #6

The IEEE P802.3bp 1000BASE-T1 Task Force accepts the comment resolutions to D1.2 as detailed in http://www.ieee802.org/3/bp/comments/8023bp_D12_approved.pdf along with the results of motions accepted at the February 2015 Task Force meeting and charter the editor to produce D1.3 for review and comment.

Moved by: Victor Berglund

Seconded by: Brett McClellan
Technical 75% required
All in Room
Y: 14 N: 0 A: 0
Result: Motion passes
Monday, February 9, 2015, 5:09 PM

Motion #7
Motion to adjourn
Moved by: William Lo
Seconded by: Brett McClellan
Motion passed by acclamation
Monday, February 9, 2015, 5:12 PM

Attendance as Appendix A
Progress Spreadsheet as Appendix B

What's still missing. Major items only. Minor stuff and corrections not covered here.

Based on draft 1.20 as starting point.

Date updated February 9 2015

Clause	Who to contribute text	Comments
Entire draft	Marek	Marek to insure that latest Frame template and frontmatter is used. TOC problem has been fixed. Plan for moving stable figures and graphs to proper Frame format.
30	Steve and Marek	Steve and Marek will do Clause 30.
45	Marek	Marek mentioned about moving register text here. Marek will do this based on instructions from the group. He will make sure the formatting is correct. Text is/will be available in other sections.
97.1.x	Brett and Alon	Similar to Clause 40.1. Look to other clauses for guidance on what needs to be here.
97.2	Brett	97.3.7 should be moved to 97.2.1 - mostly done, but updates will still need to implemented. 97.3.8 should be moved to 97.2.2 Similar to Clause 40.2
97.3.4a	Jim / Brett	LPI signaling. This is part of the EEE work. Adopted text 02/09/2015 Are other sections needed/affected by EEE?
97.4.2.6a	Brett/Jim	Refresh monitor-text by March plenary
97.5 97.5.1 97.5.2 97.5.3	Ahmad - baseline text March plenary	Need electricals and test modes. Broadcom presented test mode, PSD, and noise study
97.5.4	Chris/cable vendors	Some TBD's need cleaning up. Steve to work with Chris on this.
97.7a	William	Management interface- awaiting register base address from Adam, text submitted 02092015 Will become 97.8 in D1.30

97.7b	Car OEMs - need volunteer(s)	<p>Environmental specifications</p> <p>Will 802.3bw specify this topic? If so we can copy.</p> <p>Currently nothing in bw draft 1.2.</p> <p>Will become 97.9 in D1.30</p> <p>Delete 97.5.5 Environmental, safety, labeling</p> <p>97.7b.1 General safety</p> <p>97.7b.2 Network safety</p> <p>97.7b.3 Environment</p> <p>Probably don't need to discuss about installation and labeling since there is no standard connectors or cables defined. Steve will work with David Law to craft standard-appropriate language for these sub-clauses.</p>
97.7c	William	<p>Delay Constraints-need to determine number for current TBD</p> <p>Will become 97.10 in D1.30</p>
97.7	William	<p>State machines and additional variables needed- complete 02092015</p>
97.8	UNH	<p>PICS</p> <p>Will become 97.11 in D1.30</p>
98.6	Marvell/Broadcom/Others Ahmad to pr	<p>Need to finalize Autoneg electricals</p>
98.7	UNH	<p>PICS. As Marek says, it's best to do the PICS once all the normative text is stable. It doesn't take much time at that point.</p>
General	Steve	<p>Get block of MDIO space assigned. Steve has requested that Adam Healey, the 802.3VC, co-ordinate the assignment of register space to all projects. We need to clean up our register space so we can ask for only what we need.</p>
General	Brett-PCS registers still need updating	<p>Consolidate PCS / PMA / PMD registers</p>