Confirmed Minutes
IEEE P802.3bj 100 Gb/s Backplane and Copper Cable Task Force
Interim Meeting
January 21-23, 2014
Indian Wells, CA, USA
Prepared by Kent Lusted

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IEEE 802.3bj Task Force Meeting – 21 January 2014:

Prepared by Kent Lusted

IEEE P802.3bj Task Force interim meeting convened at 9:00 am, Tuesday, 21 January 2014, by Adam Healey, IEEE P802.3bj Task Force Chair.

Agenda & General Information
By – Adam Healey
See -- http://www.ieee802.org/3/bj/public/jan14/agenda_3bj_01a_0114.pdf
Chair reviewed the agenda.

Motion #1:
Move to approve the agenda
- Moved by: M. Dudek
- Second by: C. Moore
- Pass by voice without opposition

November 2013 minutes were posted immediately after the meeting. No requests for corrections to the minutes were received.

Motion #2:
Move to approve the November 2013 minutes
- Moved by: M. Dudek
- Second by: A. Ran
- Pass by voice without opposition

Call for members of the press. No one responded. Photography and recording not permitted.

Chair continued with the introductory presentation.

Goals:
- Respond to all comments received during sponsor ballot

The draft is posted for review only and should not be copied or redistributed without IEEE permission.

Chair reminds attendees to sign into the IEEE-SA Meeting Attendance Tool and to sign book. Update affiliation, if necessary.

Chair reviews the ground rules.

Chair displays the Bylaws and Rules slides in
http://www.ieee802.org/3/bj/public/jan14/agenda_3bj_01a_0114.pdf

IEEE Patent Policy: Chair displayed the Patent related slides on the 4 slides contained in the agenda. Chair calls for potentially essential patents. No one responded. Chair read the Guidelines for IEEE-SA meetings.

Chair reviewed the Sponsor ballot process and balloting details.

The chair reviewed the results of the Sponsor ballot. The chair observed that Draft 3.0 has met the requirements to complete sponsor ballot but recirculation is necessary if changes are made to the draft.

No open action items, see Open Action Items for details.

No liaisons were assigned to this task force during opening plenary.

Reviewed adopted timeline in agenda. Task force is on track to meet the timeline.

M. Brown, Editor-In-Chief, reviewed the Editors report. See
http://www.ieee802.org/3/bj/public/jan14/brown_3bj_01_0114.pdf

Mr. Brown, Chief Editor, announces a list of comments deemed non-controversial to be considered in a bucket motion. The bucket comment list is per slide 24-26 of
http://www.ieee802.org/3/bj/public/jan14/brown_3bj_01_0114.pdf .   Task Force participants should review the list. Notify Mr. Healey or Mr. Brown for comments to be considered outside of the bucket motion.

Break at 10:28 a.m. Resume at 10:48 a.m.

Presentation #1:
Title: 802.3bj D3.0 sponsor ballot comment i-122
By: Chris Diminico
See: http://www.ieee802.org/3/bj/public/jan14/diminico_3bj_01_0114.pdf
Presenter will work offline to build consensus and defer the comment until the end of the week.

Break for lunch at 12:32 pm. Resume at 1:52 pm.

Break at 2:58 pm. Resume at 3:19 pm.

M. Dudek requested the following comment be considered outside of the bucket motion: #i-84. Comment resolved.

Chair announces an 8:30 a.m. start time on Wednesday. 65 comments remain, outside of the bucket.

Break for the day at 5:46 pm.

IEEE 802.3bj Task Force Meeting – 22 January 2014:

Prepared by Kent Lusted

Resume at 8:34 am on 22 January 2014 by Adam Healey, IEEE P802.3bj Task Force Chair.

Reminder to sign into the IEEE-SA Meeting Attendance Tool and the attendance book.

Patent policy: Chair asks if anyone is unfamiliar with the IEEE patent policy. No one responded. Chair made a call for essential patents. No one responded.

The Chair announces a list of comments deemed non-controversial to be considered in a bucket motion. The bucket comment list is per slide 24-26 of http://www.ieee802.org/3/bj/public/jan14/brown_3bj_01_0114.pdf . Task Force participants should review the list. Notify Mr. Healey or Mr. Brown for comments to be considered outside of the bucket motion.

Comment resolution resumes at 8:37 am.

Presentation #2:
Title: Experiments with simulated jitter
By: Charles Moore
See: http://www.ieee802.org/3/bj/public/jan14/moore_3bj_01_0114.pdf

Comment resolution continues.

Presentation #3:
Title: Using COM to calibrate the interference tolerance test for 100GBASE-CR4
By: Mike Dudek
See: http://www.ieee802.org/3/bj/public/jan14/dudek_3bj_01_0114.pdf
Clarifying questions were asked and answered.

Break at 10:32 am. Resume at 10:56 am.

A request was made to accept a late presentation from Charles Moore that represents consensus building on TX noise in interference tolerance testing. No one objected.

Presentation #4:
Title: Removing added TX noise in interference tolerance tests
By: Charles Moore
See: http://www.ieee802.org/3/bj/public/jan14/moore_3bj_02_0114.pdf

Break for lunch at 12:17pm. Resume at 1:43 pm.

Removed comment #i-59 from the bucket motion for consideration by the Task Force. Comment resolved.

Rooms at March 2014 are limited. There are many CFI, tutorials and other Task Force sessions in parallel. Chair requested Wednesday as the P802.3bj Task Force meeting day.

Attendance Straw Poll:
March 2014 plenary in Beijing, China: Yes: 7,   Maybe Yes: 3 , Maybe No: 2   No: 3
Room Count: 17

Test fixture discussion progressing well. There is consensus to address the minimum losses. Chris Diminico is preparing a summary presentation. Test fixture discussion starts at 8:00 am, Thursday.

Task Force meeting start time for Thursday is 9:00 am.

Break at 3:02 pm. Resume at 3:25 pm.

Pulled comments #i-15, #i-193, #i-194, and #i-16 from the bucket motion for consideration by the Task Force. Comments resolved.

Presentation #5:
Title: PCS and RS-FEC LPI behavior
By: Adee Ran
See: http://www.ieee802.org/3/bj/public/jan14/ran_3bj_02_0114.pdf

Charles Moore requested to present an updated presentation on TX noise in interference tolerance tests.

Presentation #6:
Title: Removing added TX noise in interference tolerance tests
By: Charles Moore
See: http://www.ieee802.org/3/bj/public/jan14/moore_3bj_02a_0114.pdf

Pulled comments #i-50, #i-53, and #i-196 from the bucket motion for consideration by the Task Force. Comments resolved.

Reminder that the test fixture consensus building meeting starts at 8:00 am. Task Force meeting starts at 9:00 am.

Chair announces a list of comments deemed non-controversial to be considered in a bucket motion. The bucket comment list is per slide 24-26 of http://www.ieee802.org/3/bj/public/jan14/brown_3bj_01_0114.pdf .   Task Force participants should review the list. Notify Mr. Healey or Mr. Brown for comments to be considered outside of the bucket motion.

Break for the day at 6:40 pm.

IEEE 802.3bj Task Force Meeting – 23 January 2014:

Prepared by Kent Lusted

Resume at 9:37 am on 23 January 2014 by Adam Healey, IEEE P802.3bj Task Force Chair.

Reminder to sign into the IEEE-SA Meeting Attendance Tool and the attendance book.

Chair announces a list of comments deemed non-controversial to be considered in a bucket motion. The bucket comment list is per slide 24-26 of http://www.ieee802.org/3/bj/public/jan14/brown_3bj_01_0114.pdf . Bucket comments resolved in the Task Force are crossed out. Task Force participants should review the list. Notify Mr. Healey or Mr. Brown for comments to be considered outside of the bucket motion.

Patent policy: Chair asks if anyone is unfamiliar with the IEEE patent policy. No one responded.

 Comment resolution continues.

Chair entered rogue comment #i-218 into P802.3bj Draft 3.0 comment database to address P802.3bm Draft 2.0 comment #180. Comment resolved, see database for details.

Break at 10:37 am. Resume at 11:23 am.

Chris Diminico presented an update to diminico_3bj_01_0114.pdf including the outcome of the work completed during the meeting week.

Presentation #7:
Title: 802.3bj D3.0 sponsor ballot comment i-122
By: Chris Diminico
See: http://www.ieee802.org/3/bj/public/jan14/diminico_3bj_01a_0114.pdf

Comment resolution complete.

Last call for bucket comments to be considered by the Task Force. No one responded.

Motion #3:
Move to:
- Adopt proposed responses to remaining bucket comments (not crossed out on slides 24-26) as indicated in brown_3bj_01a_0114.pdf
- Generate Draft 3.1 for Sponsor Ballot recirculation from Draft 3.0 and closed comments

Moved by: S. Kipp
Second by: G. McSorley
Technical (>=75%)
Yes: 17 , No: 0 , Abstain: 0
Motion passes!

Future Meetings
- March 2014 Plenary
  - Week of March 16
  - Beijing, China
- May 2014 Interim (Hosted by Ethernet Alliance)
  - May 13
  - Norfolk, VA, USA
- July 2014 Plenary
  - Week of July 13
  - San Diego, CA, USA

Anyone interested in hosting a meeting should contact the Chair or Steve Carlson.

Chair thanks Xilinx for hosting the interim!

Agenda completed.

Motion #4:
- Move to Adjourn

Moved by: M. Dudek
Second by: A. Ran
Pass by voice without opposition.

Meeting ends 12:07 pm.

Open Action Items:

None

Open Ad Hocs:

None

Attendees

IEEE 802.3bj 100Gb/s Cu & BP TF, Jan 2014 Interim			21-Jan-14	22-Jan-14	23-Jan-14
Last Name	**First Name**	**Affiliation**	**Tuesday**	**Wednesday**	**Thursday**
Barrass	Hugh	Cisco	x	x	x
Ben-Artsi	Liav	Marvell	x	x	x
Brown	Matt	Applied Micro	x	x	x
Bugg	Mark	Molex		x	
Dawe	Piers	Mellanox	x		
DiMinico	Christopher	MC Communications/Panduit	x		
Dudek	Mike	QLogic	x	x	x
Healey	Adam	LSI	x	x	x
Holden	Brian	Kandou Bus		x	
Kipp	Scott	Brocade			x
LeCheminant	Greg	Agilent Technologies	x		
Liu	Zhenyu	Marvell Semiconductor	x	x	x
Lusted	Kent	Intel	x	x	x
Malkiman	Yonatan	Mellanox	x	x	x
Marris	Arthur	Cadence	x	x	x
McSorley	Greg	Amphenol	x	x	x
Mellitz	Richard	Intel	x	x	x
Moore	Charles	Avago Technologies	x	x	x
Paltikian	Sam	Taconic	x	x	
Rabinovich	Rick	Alcatel-Lucent	x	x	
Ran	Adee	Intel	x	x	x
Shanbhag	Megha	TE Connectivity	x	x	x
Szczepanek	Andre	Inphi	x		
Walker	Clinton	Intel	x	x	
Zivny	Pavel	Tektronix	x	x	x