

IEEE 802.3aq 10GBASE-LRM Task Force Minutes June 14-16, 2005

Recorder: Dan Rausch

Tuesday, June 14, 2005

8:30 AM: Introductions and General Information:

Introductions: An attendance sheet will be circulated each day of the meeting.

Welcome and Opening Session Presentation: David Cunningham presented per web contribution

IEEE-SA Standards Board Bylaws on Patents in Standards statement was presented

Discussion of Objectives: distance should be specified for each fiber type mentioned

Schedule Discussion: we are likely off current schedule and need to update schedule. November is likely new Sponsor Ballot target date.

Process Discussions:

Grow and Law; 75% convention – required to make technical changes to document, not necessarily required to resolve comments. 50% required for procedural changes. Requirement is to consider all comments.

Grow: no comment resolution required for Sponsor Ballot

WG Confirmation 15 day minimum – only unresolved or changes to draft can be reviewed in recirculation.

Timeline Discussion:

Last feature was Mar 05

Goal for this meeting is to finish comments and create new revision for Recirc Ballot prior to July meeting

New Schedule Slide: not in web presentation...show slip to Nov for Sponsor Ballot and Mid 2006 Standard Issued – *Vote on new schedule on Thursday?*

Recirc required to be at least 15 days

Request conditional approval for Sponsor Ballot at the July meeting that would allow Sept 15 day recirc then launch of Sponsor ballot

Review of Proposed Agenda

No presentations – any new material was posted to web.

Poll on moving RX Stressors to Wed - most want moved to Wed

Insert RX Stressor discussion on Wed evening session.

Agenda approved by acclimation with Wednesday change

Proposed agenda for 802.3aq Task Force meeting, June 2005, London.

	TUESDAY 14 th June	WEDNESDAY 15 th	THURSDAY 16 th
8.30am	Chair's opening remarks Ad hoc reports	TWDP	Dynamic behaviour
10.30am	Rx jitter test Assorted topics ER comments		Operating range
2pm	Rx sig. info + rx compliance Comp rx test methodology Simple rx test methodology	Tx waveform and eye mask	Comp rx stressors
4pm	Noise for comp rx test Merge with Clause 52 Transmitter jitter Transmitter noise Launch	Insertion loss Connectors Cabling configuration	Rx overload/damage test Simple receiver test param values
7pm		Any open comments from Tuesday and Wednesday	

Minutes from May meeting – postpone approval until Thursday

Editors Report – Nick Weiner presentation per contribution on web

TP3 Ad Hoc Report – Jim McVey told David Cunningham that no report for this meeting

9:55 AM TP2 Ad Hoc Report – Tom Lindsay presentation given to Piers Dawe to upload to web
Special ad hoc session Tuesday night for people who want to work on TWDP presentation for
Wed AM

10:05 AM Break

10:35 AM Comment Resolution – Nick Weiner
< Minutes recorded in the Comments Database >

6:00 PM Adjourned

Wednesday, June 15, 2005

8:30 AM Start per Proposed Agenda

Motion 1 : Procedural

Motion to amend the agenda to advance Thursday slot 3 to slot 1.

Moved: Paul Kolesar

Second: Steve Swanson

Y: 23 N: 0 A: 9

Passes

< Minutes recorded in the Comments Database >

TWDP straw polls by David Cunningham – See results below

Big Ticket Issue: TWDP

Reasons for TWDP:

Protect receiver from very unreasonable transmit signal impairments?

Yes 30 No 0

Ensure the modulated optical power allocated for EDC closes the budget?

Yes 12 No 7

Allow a wide range of transmit waveforms (compared to 10GBASE-LR)?

Yes 15 No 8

Allow tradeoffs between transmit waveform shape and modulated power?

Yes 6 No 8

To judge if a transmit output is better or worse than an agreed minimum OMA reference waveform?

Yes 10 No 7

Direction for TWDP

Keep TWDP?

Yes 31 No 3

Equalizer length

Very long Finite A range of lengths

3 30 5

Channels for TWDP method?

0 1 2 3 3/0

0 1 0 3 30

Agree to change the agenda to move Comp rx stressors item to first Thursday morning

930PM Adjourn

Thursday, June 16, 2005

830 AM Start

< Minutes recorded in the Comments Database >

Motion 1. Extend the meeting to 730PM

M:DUDEK

S:LINDSAY

Passed by acclamation

Discussion of Timeline slides from Opening remarks

Cunningham: We will be on schedule for the Recirculation Ballot out of this meeting, but due to anticipated TR comments we will most likely not be able to achieve Sponsor Ballot at the July meeting.

Swanson: Suggests change in process. Suggests stacking the room is going on from 2 companies. Will discuss offline with Cunningham.

Cunningham: Disagrees that stacking the room is happening.

Swanson: Committee needs to make progress on critical issues. Accuses chip manufacturers are not providing data. Reminds group of San Antonio meeting motion to achieve 3 vendor Interop prior to sponsor ballot.

Cunningham: Reminds SS of data reported in March. Agrees that Interop will be required prior to Sponsor Ballot

Motion 2: Procedural

Nick Weiner given permission to deal with the remaining E and ER comments to complete the draft 2.1.

M: Cunningham

Motion Passed by Acclamation

Motion 3: Technical

Authorize the editor to produce P802.3aq/D2.1. Request the 802.3 Chair to issue a 15 day recirculation WG Ballot on P802.3aq/D2.1.

Moved: Nick Weiner

Second: Jan Peeters Weem

Y: 24 N: 0 A: 2

Note: Ballot targeted to start on Monday 27th June 2005.

Swanson: raises concern that no time is given to review comment prior to meeting

Grow: disagrees, says if he receives D2.1 by June 27th the Recirc Ballot will close 15 days later on July 13th giving a couple days to review comments prior to meeting.

Wiener: will publish database of comments as soon as possible after the ballot closes to allow study

Dudek: encourages use of reflector to discuss comments as early as possible

Motion 4: Move to adjourn

M: Rausch

S: Kolasar

Passes by acclamation

7:30PM Adjourn

Remember to approve minutes from March, May and June Meetings at July Meeting.