

IEEE 802.3ah Ethernet in the First Mile

March 2003 802.3 Plenary Meeting
Gate C17, Dallas / Fort Worth Airport, Texas, USA

Task Force Minutes

Howard Frazier, Chairman
Scott Simon, Recording Secretary

CLOSING TF MEETING THURSDAY, MARCH 13

NOTE: The opening TF meeting was held on Monday, March 10 as part of the 802.3 opening plenary meeting.

Howard opens the meeting and presents the agenda. No changes to the agenda are suggested. session concludes

EFM Closing Session, Thursday March, 13, 2003.

1. Motion to adopt the minutes from the January 802.3ah interim meeting

Moved: Scott Simon

Second: John Egan

Technical motion, requires $\geq 50\%$ in favour to pass

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

2. Motion to accept the comment resolutions from D1.3 for Clauses 64 and 65 as recorded in the comment database.

Moved: Gerry Pesavento on behalf of the P2MP STF

Technical motion, requires $\geq 75\%$ in favour to pass

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

3. Motion to accept the responses to the comments received against D1.3 and commission the OAM Editor to create D1.4

NOTE: Comment resolution included in this motion reflect the STF decision to support OAM for 10GBASE-X PHYs.

Moved: Matt Squire on behalf of the OAM STF

Technical motion, requires $\geq 75\%$ in favour to pass

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

4. Motion to accept the comment resolution against D1.3, with the exception of open comments 380 and 620, as recorded in the comment database for the Optics STF.

Motion: Thomas Murphy on behalf of the Optics STF

Technical motion, requires $\geq 75\%$ in favour to pass

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

Competing motions to resolve the extended temperature optics objective are presented.

Coin toss to determine the order of presentation.

Shimon Muller agrees to perform the coin toss.

Piers Dawe calls heads in the air.

The coin lands heads up.

Piers Dawe elects to go second.

Jonathan Thatcher presents first, followed by Piers Dawe.

Straw poll to determine the STF's preferred presentation

Those who prefer the presentation by Jonathan Thatcher: 41

Those who prefer the presentation by Piers Dawe: 27

Based on the results of the straw poll, Howard offers to first entertain a motion to adopt the approach described in Jonathan Thatcher's presentation.

5. Motion to adopt the following as means to accomplish the P802.3ah objective for extended temperature:

- A. *Ensure that all of the Active Optical Input and Active Optical Output Interface parameters in clauses 58-60 can be met, and the corresponding links function properly, across an "extended temperature range" of operation*
- B. *Define what an "extended temperature range" is, and place this definition in informative Annex 66A*
- C. *Provide an optional PICS entry for each [optical] PMD indicating operation over the "extended temperature range."*
- D. *Require that compliant systems and field pluggable components be clearly labeled with the operating temperature range over which their operation is guaranteed*

Moved: Richard Brand

Second: Duane Remein

Motion to amend the motion by changing the word "operation" in "D) . . . operation is guaranteed." to "compliance"

Moved: Jerry Radcliffe

Motion deemed friendly.

Motion to amend the motion by changing point (C) to read “Provide a PICS field in which the implementer defines the conditions of compliance”

Moved: Piers Dawe

Second: Jerry Radcliffe

Technical motion, requires $\geq 75\%$ in favour to pass

Among those present:

Y:14 N:32 A:31

MOTION FAILS

Howard declines to take the vote among 802.3 voters

Technical motion, requires $\geq 75\%$ in favour to pass

Among those present:

Y:52 N:24 A:5

MOTION FAILS

Among 802.3 voters:

Y:43 N:18 A:2

MOTION FAILS

6. Motion to adopt the following as means to accomplish the P802.3ah objective for extended temperature:

- A. *Ensure that all of the Active Optical Input and Active Optical Output Interface parameters in clauses 58-60 are consistent with the implementation across an "extended temperature range" of operation*
- B. *Define what an "extended temperature range" is, and place this definition in informative Annex 66A following IEC nomenclature*
- C. *Require that compliant systems and field pluggable components be clearly indicated on the manufacturer's data sheet with the operating temperature range over which their conformance to the specification is guaranteed*

Moved: Jerry Radcliffe

Second: Ülf Jonsson

Technical motion, requires $\geq 75\%$ in favour to pass

Among those present:

Y:31 N:31 A:19

MOTION FAILS

Among 802.3 voters:

Y:18 N:26 A:11

MOTION FAILS

Discussion moves to the report from the Copper Sub Task Force

7. Motion to accept the comment resolutions from D1.3 for Clauses 61, 62, 62A, 63, 63B, 45, and create informative Annexes 61A and 62C, as specified in the comment database, as the basis for creating D1.4

Moved: Barry O'Mahony
Seconded: Michael Beck

Technical motion, requires $\geq 75\%$ in favour to pass

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

8. Motion to accept the proposed resolutions to the comments filed against clauses 00, 01, 56 and 66 based on the D1.3 comment database.

Moved: Wael Diab
Second: Ben Brown

Technical motion, requires $\geq 75\%$ in favour to pass

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

9. Motion to charter the editorial team to produce draft SQRT(2) based on the resolution of comments in the Draft Plenary EFM meeting.

Moved: Wael William Diab
Seconded: John Egan

Technical motion, requires $\geq 75\%$ in favour to pass

Among those present:

Y:84 N:1 A:1

MOTION PASSES

Presentation from Jaeyeon Song from Samsung and Thomas Murphy from Infineon regarding arrangements for May interim meeting in Seoul, Korea. Straw poll to determine the expected number of attendees for the May interim meeting in Seoul, Korea.

Those who plan to go to Seoul, based on what they know right now: 58

Those who might: about another 10

Discussion returns to the topic of extended temperature optics.

10. Motion to adopt the following as means to accomplish the P802.3ah objective for extended temperature:

- A. *Ensure that all of the Active Optical Input and Active Optical Output Interface parameters in clauses 58-60 can be met, and the corresponding links function properly, across an "extended temperature range" of operation*
- B. *Define two extended temperature ranges, and place these definitions in informative Annex 66A. One range shall apply to higher temperatures (eg. XX to YY degrees), the other to lower temperatures (eg. WW to ZZ degrees)*
- C. *Provide an optional PICS entry for each [optical] PMD indicating operation over the "extended temperature range". A separate PICS entry for each PMD indicates operation at the lower and upper range. (Implementers may choose to comply within the high, low range, none, or both.)*
- D. *Require that compliant systems and field pluggable components be clearly labeled with the operating temperature range over which their compliance is guaranteed.*

Moved: Scott Simon
Second: Thomas Murphy

Technical motion, requires $\geq 75\%$ in favour to pass

Among those present:

Y:60 N:3 A:21

MOTION PASSES

Among 802.3 voters:

Y:41 N:3 A:14

MOTION PASSES

Glenn Parsons describes the interim meeting tentatively scheduled for June 19-20 in Ottawa.
Howard will ensure there is a serious TR comment against every clause.

After some discussion, Howard recommends that we reschedule for Tuesday the 24th and Wednesday the 25th.

The interim will be held June 24th and 25th 2003 in Ottawa.

The TF reviews prepared communications to

ITU-T SG15 regarding Q.2 Point to point Ethernet based access systems

TIA TR-42 regarding Optical Fiber PMD Environmental Considerations in IEEE 802.3ah

T1E1 and T1E1.4 regarding the progress of the IEEE 802.3ah Copper STF

ITU-T Q4/15 regarding the progress of the IEEE802.3ah Copper STF

ITU-T Q14/4 regarding the progress of the IEEE802.3ah TF

ITU-T Q.12/15, Q.3/13 regarding the progress of the IEEE802.3ah TF, including a copy of Draft sqrt(2)

ITU-T SG15, SG13 regarding ITU-T use of IEEE802.3ah OAM mechanisms

ITU-T SG15 Q.2 regarding appreciation for their previous communication

ITU-T SG15 Q.2 regarding the relationship of G.985

The chair notes no opposition to the transmission of the communications.

Howard asks the Editor in Chief and the STF Editors to close out the three unresolved TR comments related to extended temperature optics by referencing the approved motion #10 above and by adding appropriate text to the draft sqrt(2)

MEETING ADJOURNS