

IEEE 802.3ah Ethernet in the First Mile Task Force

May 2003 Interim
Seoul, South Korea
Hosted by Samsung and Infineon

Meeting Minutes

Scott Simon, Recording Secretary

The Recording Secretary would like to thank Michael Beck for his careful recording of the minutes during the opening TF meeting.

OPENING TF MEETING MONDAY, MAY 12

Howard Frazier, TF Chairman, opens the meeting and presents the agenda.

The IEEE Patent Policy is exhibited.

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- 1. Motion to adopt the agenda, as shown in
http://www.ieee802.org/3/efm/public/may03/agenda_1_0503.pdf.**

Moved: Tom Dineen
Seconded: John Egan

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

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- 2. Motion to commit the response to comment #406 to the Optics STF based on the straw poll to gauge the group's feeling about the comment.**

Approve the comment: 29

Don't approve: 0

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

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- 3. Motion to accept the editor's proposed response to comment #1229: Accept**

Moved: Wael Diab (Editor-in-Chief)

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 editor's proposed response to comment #1238: Accept

Moved: Wael Diab (Editor-in-Chief)

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

5. Motion to accept the editor's proposed response to comment #1428: Accept in principle

Moved: Wael Diab (Editor-in-Chief)

Motion to postpone discussion of the comment until Thursday

Moved: (informally)

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

MOTION POSTPONED

6. Motion to accept the editor's proposed response to comment #1268: Accept in principle

Moved: Wael Diab (Editor-in-Chief)

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

7. Motion to accept the editor's proposed response to comment #1182: Reject

Moved: Wael Diab (Editor-in-Chief)

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 editor's proposed response to comment #1181: Accept in principle

Moved: Wael Diab (Editor-in-Chief)

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

9. Motion to accept the editor's proposed response to comment #1180: Accept in principle

Moved: Wael Diab (Editor-in-Chief)

Motion to amend the motion by changing the response to "Reject."

Moved: (informally)

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES AS AMENDED

10. Motion to accept the editor's proposed response to comment #1183: Accept in principle

Moved: Wael Diab (Editor-in-Chief)

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

11. Motion to accept the editor's proposed response to comment #924: Accept

Moved: Wael Diab (Editor-in-Chief)

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

12. Motion to accept the editor's proposed response to comment #925: Accept

Moved: Wael Diab (Editor-in-Chief)

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

13. Motion to accept the editor's proposed response to comment #1265: Accept in principle

Moved: Wael Diab (Editor-in-Chief)

Motion to postpone discussion of the comment until Thursday

Moved: (informally)

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

Among those present:

Voice vote, no opposition noted

MOTION POSTPONED

14. Motion to accept the editor's proposed response to comment #1267: Accept in principle

Change names to 2BASE-TL and 10PASS-TS

Moved: Wael Diab (Editor-in-Chief)

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

15. Motion to accept the editor's proposed response to comment #852: Accept

Moved: Wael Diab (Editor-in-Chief)

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

16. Motion to accept the editor's proposed response to comment #1266: Accept in principle

Moved: Wael Diab (Editor-in-Chief)

Motion to amend the motion by changing the response to "Reject".

Moved: (informally)

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES

Motion to amend the motion by changing the response to "Accept in principle. Figure remains as is. Clarification/Change OLT/ONU terminology"

Moved: Wael Diab (Editor-in-Chief)

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES AS AMENDED

CLOSING TF MEETING THURSDAY, MAY 15

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

Howard requests that the Korean word “Ne” shall be used in voice votes to indicate assent and that “Aniyo” shall be used to indicate dissent.

17. Motion to adopt the agenda as presented by Howard.

Moved: Hugh Barrass

Second: Michael Beck

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

Among those present:

Mass confusion.

Vote retaken.

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

18. Motion to adopt the minutes from the March STF meeting.

Moved: Ariel Maislos

Second: John Egan

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

19. Motion to confirm the Chair's appointment of Ben Brown as 802.3ah TF Logic Editor

Moved: Hugh Barrass

Second: Wael Diab

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

Editor in Chief, Wael Diab leads the TF in comment resolution for comments on Clauses 00, 01, 56, and 66. The comment database for D1.414 contains the accepted resolutions.

20. Motion to accept the proposed editorial resolutions to the comments filed against clauses 00, 01, 56 and 66 based on the D1.414 comment database

Motion: Wael Diab
Second: Thomas Murphy

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

Straw Poll to determine opinion on the length of the next draft review period.

Those who think that a 10-day review period on the draft is enough: 41

Those who want more time: 2

Coin flip to determine the order in which 10PASS-TS line code technical presentations will be delivered.

Coin lands in favor of Steven Haas of Infineon. Steven Haas elects to deliver his presentation second.

The floor suggests that we have further material presented in June to help everyone pick a line code. Concepts of interest are:

- test reports
 - component counts,
 - system level costs
 - extensibility to higher speeds
 - multiport implementations
 - interoperability
 - operator feedback / testimonials
 - feedback from T1E1 meeting.
 - relative cost curves over time
 - blind vendor surveys on cost and capabilities
 - Intellectual property encumbrances
 - field deployments, number of ports shipped
 - potential to implement P2MP topologies
 - support for loop aggregation advantages
 - KT or Hanaro's specific input
 - Ottawa regional carrier input (Bell Canada?)
-

21. Motion to accept the comment resolutions from D1.414 for Clauses 61, 61A, 62, 62A, 62B, 62C, 63, 63A, 63B, 45 as specified in the comment database, as the basis for creating D1.732

Moved: Michael Beck on behalf of Cu STF

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

Among those present:

Y:47 N:0 A:3

MOTION PASSES

Marc Kimpe presents Comment #99301, unresolved by the Cu STF.

22. Motion to accept as the resolution of Comment #99301

ACCEPT IN PRINCIPLE

Add to 63.3.1: f) The 2BASE-TL PMD supports the use of the enhanced SHDSL extended bandwidths.

Change the upper limit of Eq. (2) of 63.3.2.1 from n=36 to n=60

Change the upper limit of Eq.(4) of 63.3.2.1 from n=48 to n=89

Give the editor license to make necessary changes to include enhanced SHDSL.

Moved: Marc Kimpe

Second: George Cravens

After some discussion, Howard takes a voice vote to see if people want to have further discussion. There is a significant number of those who would like to continue debate. Howard extends debate, but restricts it to those already in the queue.

Friendly amendment by Sabina to change the last statement in the motion to read: **“Give the editor license to make necessary *editorial* changes to include enhanced SHDSL.”**

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

Among those present:

Y:21 N:19 A:12

MOTION FAILS

Among only voting members of 802.3:

Y:17 N:10 A:8

MOTION FAILS

23. Motion to adopt as resolved the editor's response to all Editorial comments on Clause 4 and to adopt the response to comment #1108:

ACCEPT IN PRINCIPLE

Change the editing instructions to read:

Insert the following text and table at the end of 4.4.2

Moved: Ariel Maislos

Second: Gerry Pessavento

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

Among those present:

Voice vote, no opposition noted

MOTION PASSES BY ACCLAMATION

Ariel Maislos presents unresolved comments on Clause 64

Chairman's note: During the discussion of the following two motions, the chair offered the speakers the opportunity to present their remarks in both English and Korean.

24. Motion to accept proposed response for Comment #299:

swap location of flag field with assigned port field in REGISTER MPCPDU

Moved: Chan Kim
Second: Gerry Pessavento

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

Among those present:

Y:41 N:12 A:3

MOTION PASSES

Among only voting members of 802.3:

Y:15 N:9 A:3

MOTION FAILS

Chairman's note: A motion must pass when tallied both among those present and among only voting members of the IEEE 802.3 WG in order to be considered binding on the IEEE 802.3ah EFM Task Force.

25. Motion to resolve comment 858 with the resolution:

accept mpcp-frame-format-01.pdf as presented by Bob Gaglianello with the exception of flipping the assigned port/flag fields in the REGISTER MPCPDU.

Moved: Bob Gaglianello
Second: Chan Kim

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

Among those present:

Y:21 N:14 A:7

MOTION FAILS

Among only voting members of 802.3:

Y:7 N:10 A:5

MOTION FAILS

26. Motion to accept the comment resolutions from D1.414 for Clauses 64 and 65 as recorded in the comment database, as the basis for creating D1.732. Note, #288, 858 unresolved

Moved: Gerry Pesavento on behalf of the P2MP STF

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

Among those present:

Y:37 N:0 A:1

MOTION PASSES

Among only voting members of 802.3:

Y:7 N:0 A:0

MOTION PASSES

27. Motion to adopt the resolutions to the comments submitted against D1.414/Clauses 22, 24, 30, 36, 46 and 57 and commission the three editors to create D1.732.

Moved: Kevin Daines on behalf of OAM STF

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

Among those present:

Y: 42 N: 0 A: 1

MOTION PASSES

Among only voting members of 802.3:

Y: 24 N: 0 A: 1

MOTION PASSES

28. Motion to accept the comment resolution against D1.414 as recorded in the comment database for the Optics STF

Moved: Thomas Murphy on behalf of the Optics STF

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

Among those present:

Y:47 N:0 A:1

MOTION PASSES

Among only voting members of 802.3:

Y:27 N:0 A:1

MOTION PASSES

29. Motion to Charter the Editorial Team to produce Draft D.1732, based on the resolution of comments in Seoul interim EFM meeting.

Moved: Hugh Barrass

Second: Barry O'Mahony

Among those present:

Y: 49 N: 0 A: 0

MOTION PASSES

Among voting members of 802.3:

Y: 29: N: 0 A: 0

MOTION PASSES

30. Transmit letter "T1M1_Response.doc" as response to liaison from T1M1

Moved: Kevin Daines on behalf of OAM STF

Approved unanimously by voice vote

MOTION PASSES

31. Transmit letter "TTC_Communication.doc" as communication to TTC

Moved: George Cravens

Second: Tom Murphy

Approved unanimously by voice vote

MOTION PASSES

32. Transmit letter "Communique_T1E1.doc" as communication to T1E1

Moved: Barry O'Mahony on behalf of Cu STF

Approved unanimously by voice vote

MOTION PASSES

The chair and the Task Force express their thanks to the meeting hosts, Samsung and Infineon, for the exceptional meeting arrangements, and to the J.W. Marriott Hotel Seoul, for the exceptional venue. The chair also expresses his thanks and appreciation to all of the attendees from Korea who patiently endured our attempts to learn their language, and to all of the attendees who traveled such great distance to participate in the meeting.

MEETING ADJOURNS AT PRECISELY 6:00 PM