

802.3ah Ethernet in the First Mile  
July, 2002 Plenary Meeting  
Vancouver, British Columbia, Canada

Minutes

Scott Simon, Recording Secretary

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**PRE-PLenary INTERIM TF MEETING      SUNDAY, JULY 7**

***Straw Poll to guide the P2MP STF as to which of two presentations regarding P2MP P2P emulation is most supported by the TF.***

Those who prefer the presentation given by Onn Harran (emulation below the MAC): 40  
Those who prefer the presentation given by Dolors Sala (emulation above the MAC): 10  
Those who abstain: 41

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***1. Motion to adopt harran\_general\_1\_0702.pdf as part of the P2MP baseline***

Moved: Ariel Maslos  
Second: Hiroshi Suzuki

**Motion to table**

Moved: Vincent Bemmell  
Second: Tom Dineen  
**Y:48 N:28 A:9**  
MOTION PASSES

MOTION IS TABLED

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***Straw Poll to see if hiironen\_general\_1\_0702.pdf reflects the direction the TF wants to go regarding security and encryption.***

Those who favor the direction offered in hiironen\_general\_1\_0702.pdf: 21  
Those who are opposed to the direction offered in hiironen\_general\_1\_0702.pdf: 23  
Those who abstain: 31

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***Straw Poll to see how many attendees think that encryption belongs at the MAC client layer or above***

Those who agree: 46  
Those who disagree: 12  
Those who have no opinion: 18

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***Straw Poll to see how many attendees think that a security scheme which only provides content encryption (MAC payload) is sufficient:***

Those who agree: 43  
Those who disagree: 12

Those who have no opinion: 24

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**Straw Poll to see which of two presentations regarding P2MP FEC are preferred by the TF:**

Those who prefer the presentation by Lior Khermosh (frame based): 20

Those who prefer the presentation by Frank Effenberger (stream based): 26

Those who are not in favor of either proposed FEC mechanism: 1

Those who have no opinion: 40

**Straw Poll to see who would vote for either FEC proposal so long as it were restricted to P2MP:**

Those who agree: 35

Those who have a strong preference to either proposal: 12

**Straw Poll to see who supports the FEC Motion (#17) from Edinburgh**

Those who do support Motion #17 from Edinburgh: 45

Those who do not support Motion #17 from Edinburgh: 15

Those who have no opinion: 12

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**2. Motion for the 802.3ah TF to adopt an additional objective:**

*“PHY for single-pair, non-loaded, voice-grade copper distance  $\geq 2700$  meters and speed  $\geq 2$  Mbps full duplex”*

Moved: Bruce Tolley

Second: Craig Easley

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

Among those present:

**Y:71 N:6 A:13**

**MOTION PASSES**

Among 802.3 voters:

**Y:38 N:5 A:6**

**MOTION PASSES**

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**3. Motion to state that the 802.3ah TF objective adopted as Vancouver Motion #2 shall support a rate of 10 Mbps full duplex on bonded pairs at a reach greater than or equal to 2700 meters**

Moved: Daun Langston

Second: Tom Dineen

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

Among those present:

**Y:20 N:36 A:24**

**MOTION FAILS**

Among 802.3 voters:

**Y:8 N:24 A:12**

**MOTION FAILS**

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**4. Motion to adopt presentation rezvani\_1\_0302.pdf (with addition of comments document, “notes\_to\_editor\_1\_0302.doc”, with the exception of note 13) as the basis of the first draft.**

Moved: Scott Simon

Second: Bruce Tolley

**Motion to Adjourn**  
M: Tom Dineen  
S: Ed Eckert  
Y:34 N:14 A:17  
**MOTION PASSES**

## MEETING ADJOURNED

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**PLENARY TF MEETING**

**THURSDAY, JULY 11**

**5. Continuing the motion on the floor when the previous meeting adjourned**

*Adopt presentation rezvani\_1\_0302.pdf (with addition of comments document, "notes\_to\_editor\_1\_0302.doc", with the exception of note 13) as the basis of the first draft.*

**Motion to postpone the discussion of the motion on the floor until after the discussion of other TF and Cu STF motions**  
M: Michael Beck  
S: Shimon Lior  
Y:85 N:3 A:46  
**MOTION PASSES**

### MOTION POSTPONED

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**6. Motion to adopt P2MP layering model and description per the attached proposal (haransala\_p2mp\_1\_0702 slides 1-3)**

Moved: Gerry Pesavento on behalf of the P2MP STF  
Second: none required on motion from STF

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

Among those present:

Y:70 N:13 A:39  
**MOTION PASSES**

Among 802.3 voters:

Y:53 N:5 A:25  
**MOTION PASSES**

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**7. Motion to adopt clause 56 of 802.3ah/D0.9 as the basis for clause 56 of 802.3ah/D1.0, with the changes reflected in "notestotheeditor\_clause56\_0702".**

Moved: Gerry Pesavento on behalf of the P2MP STF  
Second: none required on motion from STF

Among those present:

Y:88 N:0 A:16  
**MOTION PASSES**

Among 802.3 voters:

Y:61 N:0 A:14

**MOTION PASSES**

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**8. Motion to add P2MP objective for function to enable the following mechanisms to provide security:**

*key transfer to cipher, key change indication, en/decryption indications, cipher counter synchronization*

Moved: Gerry Pesavento on behalf of the P2MP STF

Second: none required on motion from STF

**Motion to amend the motion on the floor by changing the word “guarantee” to “provide”**

M: Barry O’Mahony

S: Ariel Maislos

Among those present:

Y:91 N:0 A:19

**MOTION PASSES**

**Motion to amend the motion in question by changing the word “security” to “privacy”**

M: Dan Romascanu

S: Tom Dineen

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

Among those present: (voice vote)

too close to call

Among those present:

Y:41 N:41 A:31

**MOTION FAILS**

Motion to table the motion in question

M: Pat Thaler

S: Tom Dineen

Among those present:

Y:41 N:47 A:23

**MOTION FAILS**

**Motion to amend the motion to read “Add a P2MP objective to provide the following interfaces to a security mechanism. . .”**

M: Larry Rennie

S: Shin Yoshida

**Motion to amend the motion to amend to read “Add a P2MP objective to provide security by incorporating authentication and encryption methods by reference and necessary hooks such as. . .”**

M: Ariel Maislos

S: Dolors Sala

**MOTION WITHDRAWN**

**Motion to call the question**

No objection

Among those present:

Y:31 N:12 A:28

**MOTION FAILS**

**Motion to postpone discussion of the motion in question until the end of the meeting**

**M: Ariel Maislos**

**S: no second**

MOTION FAILS FOR WANT OF A SECOND

**Motion to call the question**

Among those present:

No objection

Among those present:

**Y:79 N:18 A:26**

**MOTION PASSES AS AMENDED**

Among 802.3 voters:

**Y:56 N:17 A:16**

**MOTION PASSES AS AMENDED**

**Note that the motion above, while passing during the 802.3ah meeting, failed on a vote of ratification within the 802.3 WG closing plenary session later in the day.**

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**9. Motion to adopt the liaison communication to ITU-T SG15 Q2 regarding P2MP, Optics and OAM**

Motion: Gerry Pesavento

Second: Brian Ford

Among those present:

Unanimous by voice vote

**MOTION PASSES**

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**10. Motion to adopt clauses 58, 59 and 60 of 802.3ah/D0.9 as the bases for clauses 58, 59 and 60 of 802.3ah/D1.0 respectively, with changes reflected in the documents *notestotheeditor\_clause58\_0702.doc*, *notestotheeditor\_clause59\_0702.doc*, *notestotheeditor\_clause60\_0702.doc*, respectively.**

Among those present:

**Y:104 N:0 A:9**

**MOTION PASSES**

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**11. Motion to accept OAM draft 0.9 with the modifications and comments of K. Daines "OAM Draft 0.9 Comments" as the initial 1.0 OAM baseline draft.**

Moved: Matt Squire on behalf of the OAM STF

Second: none required on motion from STF

Among those present:

**Y:115 N:0 A:5**

**MOTION PASSES**

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**12. Motion to accept *brown\_oam\_1\_0702.pdf* into OAM baseline draft, addressing RFI capability in *100BASE-FX*, *100BASE-TX*, and *1000BASE-X*.**

Moved: Matt Squire on behalf of the OAM STF

Second: none required on motion from STF

Among those present:

Y:109 N:0 A:6

MOTION PASSES

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**13. Motion to split the copper clause (currently 61) into 3 clauses to reflect the objectives and baselines:**

*PCS for EFM Copper*

*PMA and PMD for short reach port type*

*PMA and PMD for long reach port type*

Moved: Hugh Barrass on behalf of the Cu STF

Second: none required on motion from STF

Among those present:

Unanimous by voice vote

MOTION PASSES

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**14. Motion to adopt Draft 0.9 plus the comments to the editor “copper\_d0.9\_comments.pdf” as the basis for Draft 1.0 of Clause 61, 62 and 63.**

Moved: Hugh Barrass on behalf of the Cu STF

Second: none required on motion from STF

Among those present:

Y:126 N:0 A:8

MOTION PASSES

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**15. To adopt “omahony\_copper\_1\_0702.pdf” as the basis for the line code evaluation criteria. The line code selection process recognizes that Committee T1 has a goal of making a VDSL line code decision and will give due weight to that decision.”**

Moved: Hugh Barrass on behalf of the Cu STF

Second: none required on motion from STF

**Motion to amend the motion in question by adding the text “Adopt presentation rezvani\_1\_0302.pdf (with addition of comments document, “notes\_to\_editor\_1\_0302.doc”, with the exception of note 13) as the basis of the first draft.” as a new paragraph above the text of the motion in question.**

Moved: Michael Beck

Second: Vladimir Oskman

Among those present:

Y:93 N:4 A:23

MOTION PASSES

Among those present:

Y: 109 N:0 A:24

MOTION PASSES AS AMENDED

Among 802.3 voters:

Y:75 N:0 A:22

MOTION PASSES AS AMENDED

Note-very loud cheering was heard at this point!

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**16. Motion to approve the liason with T1E1.4 as prepared by Michael Beck**

Moved: Hugh Barrass on behalf of the Cu STF

Second: none required on motion from STF

**Motion to amend the motion in question to “Motion to approve the liason with T1E1.4 with the change the wording in the liasion “Sponsor Group ballot” to “Working Group ballot” as prepared. . .”**

Moved: Pat Thaler

Second: Jonathan Thatcher

**Motion to amend the motion in question by altering its text “. . . with T1E1.4 with the change of text: replace the words “prior to submission. . . Sponsor Ballot” to “in a timely manner””**

Moved: Hugh Barrass

Second: Michael Beck

**MOTION PASSES ACLAMATION**

**Motion to amend the motion in question by addin the text ”and to remove the phrase “. . . to ensure coherence. . . standard and T1.424]””**

Moved: Hugh Barrass

Second: Barry O’Mahony

**MOTION PASSES BY ACLAMATION**

Among those present:

**Y:106 N:0 A:9**

**MOTION PASSES AS AMENDED**

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**17. Motion to approve the liason with ITU-T SG15/4 as prepared by Barry O’Mahony.**

Moved: Hugh Barrass on behalf of the Cu STF

Second: none required on motion from STF

Among those present:

**Y:98 N:0 A:6**

**MOTION PASSES**

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**18. Motion to limit proposals for consideration regarding the long reach objective to those based on “artman\_copper\_1\_0702.pdf” and “jackson\_copper\_1\_0702.pdf”**

Moved: Hugh Barrass

Second: Behrooz Rezvani

**Motion to table the motion in question**

M: Marc Kimpe

S: Steven Haas

Among those present:

**Y:18 N:51 A:35**

**MOTION FAILS**

**Motion to amend the motion in question to remove the words “those based on”**

M: Steven Haas

S: John Egan

Among those present:

Y:10 N:68 A:17

**MOTION FAILS**

**Motion to call the question**

**M: Bruce Tolley**

Among those present:

Unanimous Applause

**MOTION PASSES**

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

Among those present:

Y:81 N:5 A:26

**MOTION PASSES**

Among 802.3 voters:

Y:60 N:4 A:21

**MOTION PASSES**

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**19. Motion to accept the minutes from the May Interim Meeting in Edinburgh**

Moved: Hugh Barrass

Second: Daun Langston

Among those present:

Unanimous voice vote in favor

**MOTION PASSES**

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**Straw Poll to estimate the expected attendance at the Sept-Oct Interim Meeting in New Orleans**

Those intending on attending: 85

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**Straw Poll to determine the level of support for having the January Interim Meeting in Vancouver**

Those interested in having the meeting in Vancouver: 62

Those who hate the idea of coming back in January: 3

**MEETING ADJOURNED**