

**IEEE 802.3 Maintenance Task Force  
September 2008 Meeting Minutes  
Seoul, South Korea**

Meeting call to order by Wael William Diab (Chair) at 8:45am.

Brad Booth volunteered to record the minutes.

**Attendance**

Wael Diab, Broadcom	Brad Booth, AMCC
Geoff Thompson, Nortel	Bob Grow, Intel
Hugh Barass, Cisco	Pat Thaler, Broadcom
Howard Frazier, Broadcom	Shimon Muller, Sun
Jeff Mandin, PMC-Sierra	Eric Lynskey, Teknovus
John D'Ambrosia, Force10 Networks	Mike Bennett, LBNL
Sanjay Kasturia, Teranetics	David Law, 3Com
Kevin Daines, Ciena	Ryan Latchman, Gennum
Steve Carlson, HSD	Shinsu Kim, LG-Nortel
Martin Patoka, TI	Matthew Landry, Silicon Labs
Stephen Alie, Cortina	Adam Healey, LSI
Dan Dove, Procurve by HP	Mandeep Chadha, Extreme Networks
George ??, Vitesse	Terry Cobb, Systimax
Changbum Chun, LG-Nortel	Zhang Yuanwang, ZTE
Taewhan Yoo, ETRI	Vinod Kumar, Tejas Networks
Paul Bottorff, Nortel	Jian Luo, ZTE
Jeffery Maki, Juniper	Wu Shaojong, ZTE

**Patent Slides**

Patent slides shown at 8:47 AM. Call for any known LOAs. Response: none.

**Agenda**

Wael went through the agenda, see presentation at the following URL:

[http://www.ieee802.org/3/maint/public/diab\\_1\\_0908.pdf](http://www.ieee802.org/3/maint/public/diab_1_0908.pdf)

Proposed Agenda

- Review patent slide set
- Review and approve agenda
- Approve previous minutes
- Update on .3ax / .3ay
- Ad-hoc report on .3 MAC services
- New maintenance requests
- Move of 802.1AB Annex F to 802.3
- Request from 802.1 on timestamp / sync
- 802.3.1 discussion and PAR review
  - Impact / Coordination of .1AB Annex F to .3

**Motion to approve agenda.**

M: S. Carlson

S: J. D'Ambrosia

Approved by voice vote without opposition.

**Previous Minutes**

**Motion to approve the July 2008 minutes.**

M: M. Bennett

S: J. Mandin

Approved by voice vote without opposition.

**Update on .3ax / .3ay**

Discussion occurred on LOA request letters.

**Ad-hoc Report on .3 MAC Services Interface**

Jeff Mandin presented "Report from the 802.3 Maintenance MAC Interface Adhoc".

Presentation located at the following URL:

[http://www.ieee802.org/3/maint/public/mandin\\_1\\_0908.pdf](http://www.ieee802.org/3/maint/public/mandin_1_0908.pdf)

Adhoc recommends:

- Clarification to a state diagram in the MAC layer
- Minor corrections to 3 state diagrams in the MAC Control layer

Concern was expressed about the diagrams being tweaked many times. Discussion ensued about ability to get these corrections to be done correctly. Question is does the task force do the change in a Corrigendum or as a separate maintenance item. Expect this item to be discussed more in the 802.1/802.3 joint session as there are others items 802.1 is considering requesting from 802.3.

**MAC Services Straw Polls**

Absent anything else, is this a Cor?

Y: 7 N: 4

If maintenance has any other of the other significant items to do, do you think this should be a standalone Cor?

Y: N:

There was discussion about the impact to 10GEAPON. Some feedback that a maintenance amendment could handle this as quickly as a Corrigendum. There could be work done in 802.3av instead of co-contingent Corrigendum or amendment. For 802.3av to address, this may require a change to the 802.3av PAR. Concern that if 802.3av does the work, the changes may not get the necessary attention for review.

Request 1196 is in the R state.

## **New Maintenance Requests**

**Maintenance item #1198** related to inconsistent use of capitalization. The task force discussed about writing down what is going to be done and then roll that out to the current editors and into the next revision or maintenance. David Law to provide guidance on abbreviations and capitalization on the 802.3 tools website. Request additional guidance questions from the editors of existing task forces when there is not guidance from the style guide or existing guidance on the 802.3 tools website.

**Action Item:** David Law to provide guidance on abbreviations and capitalization on the 802.3 tools website.

**Maintenance item #1197** related to timing considerations for PAUSE operation. PAUSE has specified a maximum 60 pause\_quantum bit times. Question about whether or not WIS can be used with 10GBASE-LRM. Agreement that it is not supported by the existing standard. Discussion about changing the reference to longer pause\_quantum bit times for other PHYs. Agreement that there should be a modification to 31B.3.7 to call out that 10GBASE-T and 10GBASE-KR with FEC accommodate a 74 pause\_quantum bit time.

Straw Poll related to Maintenance Item #1197  
Those that believe this should be a Corrigendum?  
Y: 7 N: 0

### **Motion (1197)**

Move:

- Accept proposed resolution (c) as shown in diab\_1\_0908.pdf to maintenance request 1197, and
- Task the Maintenance Task Force Chair to prepare a draft Corrigendum PAR with scope to address maintenance request 1197 for consideration for at the November plenary.

M: B. Booth

S: H. Barrass

Y: 14 N: 0 A: 0

Technical (75%)

Motion passes at 11:34 AM.

### **Move of Annex F from 802.1AB to 802.3**

- Questions of who, when and how the move is done, and impact on existing 802.3 projects.
- Discussion ensued about SNMP and MIB portion and possibly how to handle the transition.
- Recommend having a limited scope project (802.3bc) to move all of Annex F except SNMP into 802.3 (location TBD).

- 802.3at and .3az are contingent on this and need to add their TLVs and Clause 30 material (including annexes).
- SNMP portion of Annex F into 802.3.1.

### **Motion (Annex F Move)**

Move:

- 802.3 Maintenance Task Force adopt the process in diab\_1\_0908.pdf for dealing with the move of 802.1AB Annex F to 802.3.
- Present the process in diab\_1\_0908.pdf as a recommendation to 802.3 at the November plenary.
- Direct the Task Force Chair to generate an 802.3bc PAR in time for the WG Chair to meet the 30-day deadline for 802.3 and EC consideration at the November plenary.

M: H. Barrass

S: H. Frazier

Y: 17 N: 0 A: 0

Technical (75%)

Motion passes at 12:09 PM.

### **802.1 Request Regarding Timestamp / Synchronization**

Discussion on sync and timestamp related to 802.1. The discussion is in preparation for the joint 802.1/.3 meeting. Some concern what was presented by 802.1 wasn't a crisp request but rather a question. No formulated response at this time from 802.3. 802.1 would like the timestamp to be done as close to the medium as possible. David Law stated that this would not be a maintenance request, but rather a new project.

H. Frazier presented quickly on the discussion to occur later on 802.3.1 PAR and 5 Criteria. See presentation at the following URL:

[http://www.ieee802.org/3/maint/public/frazier\\_1\\_0908.pdf](http://www.ieee802.org/3/maint/public/frazier_1_0908.pdf)

[http://www.ieee802.org/3/maint/public/frazier\\_2\\_0908.pdf](http://www.ieee802.org/3/maint/public/frazier_2_0908.pdf)

Maintenance meeting to reconvene immediately after the 802.1/.3 joint session to review PAR and 5 Criteria for 802.3.1.

Meeting recessed at 12:43 PM.

Meeting reconvened at 3:43 PM.

H. Frazier continued his presentation on the 802.3.1 project. There was discussion about moving to 802 OID. Feedback was provided from 802.1 members about OID. Move to OID is dependent on the scope of changes. Then, there was discussion about GDMO and SMIV2. Should they be in the same document? Response was "yes". Should there be alignment between GDMO and SMIV2 modules? Response was "not mandatory, but GDMO must maintain alignment with Clause 30".

H. Frazier asked the question on the scope of the project:  
Should the initial project just be a merge, or should the effort encompass addition of new material such as .3an, .3aq, .3ap and .3as? What about .1AB Annex F, .3at, .3av, .3az and .3ba?

Agreement to consider updates to GDMO and SMIV2 from .3at, av, az and ba to be in a future 802.3.1 amendment project. There was agreement to have .1AB Annex F MIB module as part of the initial project.

Straw polls:

The initial project for 802.3.1 should include the SMIV2 MIB module updates for 802.3an, ap, aq and as.

Y: 12

N: 0

The initial project for 802.3.1 should include the GDMO and SMIV2 MIB module updates for 802.3at, av, az and ba.

Y: 0

N: 10

H. Frazier started the review of the PAR title, scope, purpose and need. There was some discussion about whether the title should be considered a project for MIB modules or MIB definitions.

**Motion (802.3.1 PAR)**

Charter H. Frazier to draft the PAR for P802.3.1 based on the agreed Title, Scope, Purpose and Need statements, and request the WG chair pre-submit to the 802 EC for consideration at the November, 2008 plenary, with concurrence of the IEEE 802.3 WG.

M: H. Frazier

S: D. Law

Y: 11 N: 0 A: 0

Technical (75%)

Motion passes at 5:31 PM.

H. Frazier continued with a review of the draft of the 5 Criteria.

**Motion (802.3.1 5 Criteria)**

Adopt the responses to the 5 Criteria and forward to the 802 EC and 802.3 WG for consideration at the November, 2008 plenary session.

M: H. Frazier

S: B. Grow

Y: 10 N: 0 A: 0

Technical (75%)

Motion passes at 5:50 PM.

D. Law to talk to the IEEE staff about IETF RFC 4663 possible copyright concerns.

**Motion to adjourn.**

M: H. Barrass

S: J. D'Ambrosia

Approved by voice vote without opposition.