Approved Minutes
IEEE 802.3 CSMA/CD PLENARY
Hyatt Regency, San Francisco, CA
July 16 - 19, 2007

http://www.ieee802.org/3/minutes/jul07/index.html

MONDAY, July 16, 2007

ADMINISTRATIVE MATTERS
Mr. Robert Grow, Chair of 802.3 CSMA/CD Working Group, called the meeting to order at 1:01pm.

Mr. Grow noted that a soft copy of the draft agenda had been posted to the minutes section for this meeting by Mr. Diab. Mr. Grow gave the general minutes webpage for 802.3:

http://www.ieee802.org/3/minutes/

Mr. Grow noted that as with the March meeting, the agenda would be moving from paper to web posting for participants.

Mr. Grow gave some directions and information on the IEEE 802 office and registration. Mr. Grow introduced the WG website: http://www.ieee802.org/3/

Mr. Grow introduced Mr. David Law, Vice Chair of 802.3, Mr. Wael William Diab, Secretary of 802.3, and Mr. Steve Carlson, Executive Secretary of 802.3.

Mr. Grow also introduced Mr. Adam Healey, Chair P802.3ap Backplane Ethernet Task Force, Mr. Mike McCormack who is Chair of P802.3at DTE Power Enhancements Task Force, Mr. Glen Kramer who is Chair of P802.3av 10GEPON Task Force, Mr. John D'Ambrosia who is Chair of Higher Speed Study Group (HSSG) and Mr. Mike Bennett who is Chair of the Energy Efficient Ethernet Study Group (EEESG).

Mr. Grow noted that all attendees are participating individually and that their affiliation should be available upon request per the current IEEE-SA rules.

Mr. Grow reminded the group of the new requirement for including affiliation in the meeting minutes that took effect as of January of this year.

Mr. Grow asked the attendees to introduce themselves and announce their affiliation.

Mr. Grow asked if anyone was attending from the press including those who would run a public blog on this meeting. None responded. He also noted that members of the press were monitoring technical email reflectors or archives and consequently, participants on the reflectors should remember this in how they state their messages.

Approving the Agenda

Mr. Grow asked if there were any additions to the draft agenda. None were given.

MOTION #1

Approve the agenda.

M: D. Langston

S: J. D'Ambrosia

Passed by voice vote without opposition 16-Jul-2007 1:20PM

Mr. Grow discussed the latest 802.3 standards and drafts. Mr. Grow noted the URL for Get IEEE 802. Mr. Grow also noted that the latest version of 802.3 is 802.3-2005, which supersedes all previous revisions and amendments and is in the program.

Mr. Grow went over the current WG documents for this meeting's business. Please see http://www.ieee802.org/3/minutes/jul07/0707_open_report.pdf

Approving the Minutes

Mr. Grow asked if there were any additions or corrections to the March 2007 minutes. Mr. Diab noted that they have been up on the website for about two months.

Mr. Barrass asked for a correction to be made to his name and Mr. Diab noted that it will be made.

MOTION #2

Approve March 2007 Plenary Meeting Minutes

M: H. Barrass
S: D. Langston

Passed by voice vote without opposition 16-Jul-2007 1:22PM

WG Activities since the Last Plenary Meeting

Please refer to http://www.ieee802.org/3/minutes/jul07/0707_open_report.pdf
Mr. Grow gave an update on the interim 802.3 meetings that were held and thanked the hosts of those meetings. Below is a list of the meetings that occurred between this meeting and the last plenary:

- Ottawa, ON, Canada 17-19 Apr 2007
    - Higher Speed SG
    - Energy Efficient Ethernet SG
- Geneva, Switzerland 28-31 May 2007
    - P802.3at, DTE Power Enhancements

- P802.3av, 10G EPON
- Higher Speed SG
- Energy Efficient Ethernet SG
- Maintenance (802.3ax, 802.3ay)

802.3 Ballots since the Last Plenary
Mr. Grow gave an update on the 802.3 ballots since the last meeting. Mr. Grow also gave a brief overview of the IEEE Sponsor Ballot process and direction to the website.

Below is a summary of the ballots and ballot invitations that Mr. Grow showed and they can be found in opening slides. Please see
http://www.ieee802.org/3/minutes/jul07/0707_open_report.pdf
- Working Group Ballots:
    - 802.3ax (P802.1AX), D1.0, initial
    - 802.3ay (P802.3), D1.0, initial
    - 802.3ax (P802.1AX), D1.1, recirculation
    - 802.3ay (P802.3), D1.1, recirculation
- Sponsor Ballots:
    - P802.3/Cor2, initial

Published Standards
- IEEE Std 802.3TM-2005 (12 Dec 2005)*
    - IEEE Std 802.3-2005/Cor 1-2006 (26 Jun 2006)*
    - IEEE Std 802.3anTM-2006 (1 Sep 2006)*
    - IEEE Std 802.3aqTM-2006 (16 Oct 2006)*
    - IEEE Std 802.3asTM-2006 (13 Nov 2006)*
    - IEEE Std 802.3apTM-2007 (22 May 2007)
    - IEEE Std 802.3-2005/Cor 2-2007 (pending)

- IEEE Std 1802.3TM-2001*
* Available through Get IEEE 802 http://standards.ieee.org/getieee802/802.3.html

Attendance Books
Mr. Diab explained the operation of the Attendance books for new voters and established voters.

Mr. Diab reminded attendees to verify their email address and contact information in the voting books and to ensure that they are current. To maintain voting status, contact information must be up-to-date.

Mr. Diab also covered the new requirement for affiliation and the relevant section in the attendance books. Mr. Grow reminded the group that this is required to receive credit for attending this meeting.

Please see http://www.ieee802.org/3/minutes/jul07/0707_open_report.pdf for voter lists.

Mr. Diab asked all attendees to wear their registration badges at all times during the meeting.

Attendance and Voting Procedures

Mr. Grow discussed the merit of being on the Working Group reflector especially for new attendees. Mr. Grow also introduced the Working Group decorum as described in his opening report. Please see http://www.ieee802.org/3/minutes/jul07/0707_open_report.pdf.

Mr. Grow also explained the membership requirements (gaining and retaining)
- 75% attendance at 2 of last 4 plenary meetings (a qualifying interim may be substituted for one plenary)
- Request to become member during 802.3 potential voter agenda item
- Maintain valid contact information (update in "red" book)
- Participate in 2 of last 3 WG ballots

See http://grouper.ieee.org/groups/802/3/rules/index.html for complete information.

Deleted Voters

Mr. Grow covered the recent deletion of voters due to lack of voting on ballots. Mr. Grow showed the list of voters, deleted voters and the voting record on the last 3 ballots.

Anonymous Letter

Mr. Grow announced that another anonymous letter had been received relating to the deletion of voters. Mr. Grow also reminded the group that they have the right to appeal and right to lodge an ethics complaint on actions taken.

Potential Voters

Mr. Grow went through the Potential Voters list. Mr. Diab recorded the respondents.

These individuals responded Monday requesting to become voting members:
Abbas, Ghani
Goergen, Joel
Green, Larry
Gyugyi, Paul J.
Hankins, Greg
Huynh, Thong
Jewell, Jack L
Kang, Tae Kyu
Lamb, Lowell D.
Leung, Raymond W. K.
Maki, Jeffery J.
Patel, Shashi
Peeters Weem, Jan P.
Pimpinella, Rick
Seely, Ted
Steenman, Henk

Thiagarajan, Sashisekaran
Woodward, Ted K.
Yokomoto, Tetsuya

Patent Policy
Mr. Grow showed the patent policy, which is new as of this meeting. Mr. Grow read the patent policy and introduced Mr. Law as the Chair of PatCom for 2007.

Mr. Grow reminded the group of inappropriate topics that should not be discussed. These included territory, market share, price, ongoing litigation, threatened litigation, etc. and read the slides. Please see http://www.ieee802.org/3/minutes/jul07/0707_open_report.pdf

Mr. Grow advised that the IEEE's patent policy is consistent with the ANSI patent policy.

There was a discussion on the patent slides by Mr. Grow, Mr. Thompson and Mr. Law:
- Mr. Thompson noted that today the IEEE does not allow an LOA to be submitted until a PAR is approved.
- Mr. Thompson also noted that under the new policy it is allowed to submit a letter with terms and conditions along with the LOA at a WG meeting.
- Mr. Grow noted that the letter may be distributed but not discussed at the meeting.

Call for Patents (Done at 1.50 pm)
Mr. Grow asked if anyone had any or was aware of any essential IP or had a letter of assurance, and no one came forth. Mr. Grow also asked that Mr. Diab record that:
- No letters of assurance were submitted
- The patent policy, per the latest PatCom slide set, was read
- Anyone wishing to submit a letter of assurance can do that any time by contacting Mr. Grow or the PatCom administrator.

Treasurer's Report
Mr. Grow asked Mr. Booth to give the Treasurer's report. Mr. Booth gave a brief report. Please see http://www.ieee802.org/3/minutes/jul07/0707_treasurer_open_report.pdf

Mr. Booth asked if there were any questions on Treasury. None were asked.

Publication Awards
Mr. Grow recognized Mr. Healey for the publication of IEEE Std 802.3ap-2007. Mr. Grow asked Mr. Healey to recognize the key contributors to 802.3ap.

Standards Board Report
Mr. Grow gave an update on the June standards board meetings. Mr. Grow showed updates on the following areas:
- ProCom
- PatCom
- RevCom

- NesCom
- Standards Board

Please see http://www.ieee802.org/3/minutes/jul07/0707_open_report.pdf.

For more details on the standards board please refer to http://standards.ieee.org/board.

LMSC Reports
Mr. Grow gave an update in the topics being discussed at the LMSC EC. Please see
http://www.ieee802.org/3/minutes/jul07/0707_open_report.pdf for all the topics and the
details covered.

Mr. Grow presented the tutorials scheduled for this week. Mr. Grow noted that the
EEESG had a tutorial scheduled for Monday evening. Please refer to
http://www.ieee802.org/802_tutorials/july07/IEEE-tutorial-energy-efficient-ethernet.pdf

Mr. Grow presented the planned LMSC Chair's meetings for the week, and noted that the
most current information will be available on-line at the URL on the back of attendee
meeting badges. Please see
http://www.ieee802.org/3/minutes/jul07/0707_open_report.pdf

PARS
Please see http://www.ieee802.org/3/minutes/jul07/0707_open_report.pdf

Mr. Grow showed the PARs under consideration this week. Mr. Grow asked if there were
any questions on any of the PARs from other groups, and the two 802.3 PARs.
- P802.3az, Energy Efficient Ethernet
- P802.11n –Enhancement for higher throughput (extension)
- P802.11s – Extended Service Set Mesh Networking (modification)
  P802.11z, Extensions to Direct Link Setup (DLS)
- P802.15.4c – PHYs for China Frequency Bands

Mr. Grow asked if anyone would like to see more detail on these PARs or if anyone
would like to see an ad-hoc formed to look at these PAR from other groups to generate
WG comments. None were given.

External Liaison Reports
See http://www.ieee802.org/3/minutes/jul07/index.html under the liaison attachments.

TR42.7 – Val Rybinski

ISO/IEC SC25/WG3 – Alan Flatman – No Report

ITU-T General & ITU-T SG15 – Glenn Parsons and Pete Anslow
Mr. Parsons presented 2 letters:
- There was a brief discussion on the slow protocol liaison

- Regarding LS158, Mr. Grow proposed that interested 802.3 parties can join 802.1 when they discuss the issue. Mr. Grow asked if there was any objection to that suggestion. None were given.
- Mr. Diab asked if this meeting will be announced, Mr. Grow noted that this will be on the 802.3 reflector

Mr. Anslow presented LS165
- There was a brief discussion on the letter with comments from Mr. Dineen, Mr. Frazier and Mr. Law.
- Mr. Law clarified that it is the baud rate not the bit rate that OTN seeks to be compatible with.

T11.2 and SFF – Adam Healey and Schelto van Dorn
Mr. Healey gave a brief verbal update on T11.2:
- T11.2 letter ballot comment resolution on FC-PI-4, defining 8.5 Gb/s Fibre Channel operation over optical and electrical links.
- Next meeting in Seattle August 5th
- FC (Fiber Channel) mapping over Ethernet
    o Related to Congestion Management work in 802.1

Mr. van Dorn gave an update on the SFF meeting:
- Meeting hosted by Broadcom in July 2007
- 2 Subgroups working on electrical receiver and transmitter properties
- Comment resolution on SFF 8431

OIF – Tom Palkert
No report.

MEF – Kevin Daines
No report.

F0-4.1 – No report

ITU-T SG 13 – No report

IETF – No Report

Internal Liaison Reports
See http://www.ieee802.org/3/minutes/jul07/index.html under the liaison attachments.

802.1 Internal Liaison – Pat Thaler – There was no liaison update at this time. Ms. Thaler may present an update at the closing session.

802 Architecture Update – Bob Grow
No meeting was held.

Mr. Grow asked if there was any objection to modifying the agenda and take a 15 min break now. None were given.

Break for 15 minutes at 3.19PM. Restarted at 3:43PM

State of the Standard
Mr. Law reported on the state of the standard
http://www.ieee802.org/3/minutes/jul07/0707_state_of_std.pdf

There was a discussion by Mr. Thompson and Mr. Law.

Maintenance
Please refer to http://www.ieee802.org/3/minutes/jul07/0707_maint_open_report.pdf.

Mr. Law gave an update on the following topics:
- Maintenance Request Status
- IEEE 802.3aw 10GBASE-T Corrigendum
  - IEEE P802.3-2005/Cor 2
- IEEE 802.3ax Link Aggregation
  - IEEE P802.1AX
- IEEE 802.3REV Maintenance #9 (Revision)
  - IEEE P802.3REV
- IEEE Std 1802.3-2001 reaffirmation
- IEEE 802.3 maintenance WWW site

Mr. Law gave a report on the current status of maintenance:
- 34 Open Maintenance requests
- Current status of open requests -

Balloting	20
Ready for ballot	10
Awaiting clarification	0
To be categorised	4

Notes:
All 'Balloting' requests included in IEEE 802.3ax draft
All 'Ready for Ballot' assigned to IEEE P802.3at

Mr. Law discussed the IEEE P802.3-2005/Cor 2 (IEEE 802.3aw) Sponsor ballot results:
- Sponsor ballot approved at March plenary
  - Ballot opened 23rd March 2007, closed 26th April 2007
- Sponsor ballot results
  - 100% Approval with no comments
- Proceeded to RevCom submission
  - Based on approval to do so given at March plenary
- Place on June RevCom agenda
  - RevCom recommended approval 6th June

- – Standard Board approved as standard 7th June
- IEEE P802.3-2005/Cor 2/D2.0 is approved
- Publication expect soon
  - – IEEE Std 802.3an-2006 will be updated with this text
  - – Insert sheet will be available at no charge

Mr. Law gave an update on the 802.3REV timeline:

Revision request selection	17th	Jan	2007
NesCom submittal#	27th	Jan	2007
Draft D0.9 drafts precirculated	5th	Mar	2007
802.3 PARs approval	15th	Mar	2007
802.3 WG ballot preapprove	15th	Mar	2007
EC PARs approval	16th	Mar	2007
PARs approval#	22nd	Mar	2007
D1.0 Working Group ballot	23rd	Mar	2007
D1.0 Comment resolution	28th	May	2007
D1.1 Working Group ballot recirculation	29th	Jun	2007
D1.1 Comment resolution	18th	Jul	2007
D1.2 Working Group ballot recirculation		Aug	2007
D1.2 Comment resolution		Sep	2007
D2.0 Sponsor Ballot		Sep	2007
D2.0 Comment resolution		Nov	2007
RevCom submittal#		Jan	2008
Standards board approval#		Mar	2008

     # Externally determined dates
     * Recirculation if required

Mr. Law gave an update on IEEE 802.3ax (IEEE P802.1AX) Working Group ballot results:
- Working group ballot approved at March plenary
  - – Ballot opened 6th April 2007, closed 11th May 2007
- Failed to be meet abstain rate requirement
  - – Significant number of 'Abstain - Lack of Time' ballots
  - – Ballot extended to 16th May
- Extension closed 16th May 2007
  - – Still failing due to abstain rate
- Continued with comment resolution meeting
  - – At IEEE 802.3 May Interims week
- At IEEE 802.3 May interims week 3 abstains flipped to approve
  - – Ballot now passed

There was a discussion on the requirement and need for Letters of Assurance (LOAs) regarding this project by Mr. Thompson, Mr. Law, Mr. McCormack and Mr. Grow. Mr. Grow indicated he has been tasked with sending a number of LOA request letters.

MOTION #3

The WG affirm the decision of the Maintenance Task Force to accept the written change of Abstain to Approve after close of the IEEE 802.3ax (IEEE P802.1AX) ballot.

M: D. Law
S: H. Barrass

Tech 75%

Y:81   N:1   A:9   MOTION PASSES   Date: 16-Jul-2007 4:21PM

Mr. Law gave an update on the Geneva interim meeting:
- Met Monday 28th May
    – Thanks to those that attended
- Reviewed IEEE 802.3ax/D1.0 (IEEE P802.1AX)
- Responded to 41 comments

E (Editorial)	21
ER (Editorial required)	3
T (Technical)	13
TR (Technical required)	4

- Major change - removed GDMO annex
    – Deprecated GDMO remains in IEEE Std 802.3
    – Once IEEE 802.1 did any work on IEEE 802.1AX the GDMO Annex would head for great bit bucket in the sky
        - No point doing work
- Issued recirculation ballot on D1.1

Mr. Law showed IEEE 802.3ay (IEEE P802.3) revision Working Group ballot results:
- Working group ballot approved at March plenary
    – Ballot opened 9th April 2007, closed 14th May 2007

Mr. Law also gave a report on 802.3ay from the Geneva meeting:
- Met Monday 28th May
    – Thanks to those that attended
- Reviewed IEEE 802.3ay/D1.0 (IEEE P802.3)
- Responded to 180 comments

E (Editorial)	107
ER (Editorial required)	8
T (Technical)	56
TR (Technical required)	9

- Major change - Link Aggregation Management
  - Reinstated Link Aggregation management in Clause 30
  - Now marked as deprecated by IEEE Std 802.1AX-200X
- Issued recirculation ballot on D1.1

Mr. Law showed IEEE 802.3ay (IEEE P802.3) revision Working Group recirculation ballot results:
- Working group recirculation ballot
  - Ballot opened 29th June 2007, closed 14th July 2007

Mr. Law showed the plans for the week:
- Plans for week
  - Meet Wednesday morning
    - Please note 8:00AM start
  - Review and respond to comments on drafts
  - Expect to request conditional approval to proceed to Sponsor ballot at closing plenary

IEEE 1802.3-2001 Reaffirmation
Mr. Law discussed the IEEE 1802.3-2001 reaffirmation:
- Standards require reaffirmation/revision every 5 years
- Voted in July 2006 to proceed with reaffirmation
- Initial sponsor ballot
  - Ballot opened 10th August 2006
  - Ballot closed 9th September 2006
- Comments received stated standard out of date
  - Comment resolution agreed that standard should be withdrawn
    - But advice from staff is was need to complete balloting
- Voted in November 2006 to continue
  - Motion : IEEE 802.3 recommends that IEEE Std 1802.3-2001 should be withdrawn and that this recommendation should be provided to the balloters. The recirculation cover letter and comment database should reflect this recommendation.
- Sponsor recirculation ballot
  - Ballot opened 1st March 2007
  - Ballot closed 16th March 2007
- Ballot opened 1st March 2007, closed 16 March 2007
- Reaffirmation remains approved
- Next steps
  - Discuss at this weeks maintenance meeting
- Possible approach

- – IEEE 802 EC as sponsor can request withdrawal
- – Motion from IEEE 802.3 WG
  - • State desire to see standard withdrawn
  - • Request IEEE 802 EC as sponsor to request withdrawal

IEEE 802.3 Maintenance web site: http://www.ieee802.org/3/maint/index.html

Interpretations
No new interpretation received

Operating Rules of 802.3
Please refer to http://www.ieee802.org/3/minutes/jul07/0707_rules_open_report.pdf.

The latest version may be found at http://grouper.ieee.org/groups/802/3/rules/index.html
Mr. Law gave an overview of the rules changes
- • Four rules revisions proposals received in March
- • Revision procedure in subclause 2.9 of rules
  - – Meeting held to discuss change in March
  - – Changes pre-circulated prior this plenary
    - • One comment received
    - • Rules meeting this week to consider
  - – Vote held at the closing IEEE 802.3 plenary
  - – Choices:
    - • **Reject**
    - • **Approve**
    - • **Send out to Working Group Letter Ballot**

Mr. Law showed 4 proposed changes
- - Membership
- - Base document access for amendments and corrigenda Objective of change
- - Align IEEE 802.3 Five Criteria requirements with LMSC P&P
- - Working Group name

Task Force and Study Group Reports
P802.3ar: Congestion Management TF – Mr. Grow (Acting Chair)
http://www.ieee802.org/3/minutes/jul07/0707_ar_open_report.pdf

- - Mr. Grow asked Mr. Law to Chair the 802.3 meeting while he presented
- - Mr. Grow asked if there were any comments
- - Mr. Dineen spoke against the continuation of the Task Force based on the status slide
- - Mr. Grow asked if there were any more questions on the meeting, without any, Mr. Law turned the Chair back to Mr. Grow

P802.3at: DTE Power Enhancements – Mike McCormack
http://www.ieee802.org/3/minutes/jul07/0707_at_open_report.pdf

Mr. McCormack noted that the group had its first set of comments on draft D0.8 to review this week.

Mr. Diab noted that the 100BASE-TX possible inductance change may have an implication on non-PoE ports also.

P802.3av: 10GEPON – Glen Kramer
http://www.ieee802.org/3/minutes/jul07/0707_av_open_report.pdf

Straw Poll

P802.3av should define …

	All	802.3
Method 1: 12 traditional PMDs:	_3_	_3_
Method 2: 7 simplex PMDs:	_4_	_1_
Method 3: 8 traditional PMDs:	_4_	_3_
Method 4: 5 simplex PMDs:	_21_	_21_
No opinion/Don't care:	_61_	_34_

Discussion on straw poll
- An observer that abstained noted that he had not been given the chance to review the slides ahead of time as they were not circulated to the 802.3 members and observers
- Mr. Grow asked Mr. Kramer that if anyone had another option if the task force would be willing to entertain it, and Mr. Kramer responded yes.

High Speed Study Group (HSSG) – John D'Ambrosia
http://www.ieee802.org/3/minutes/jul07/0707_hssg_open_report.pdf

Straw Poll requested by Mr. D'Ambrosiato determine the feasibility of making the September interim an 802.3 interim:
- ■ I am planning on attending the IEEE 802.3 September Interim in Seoul Korea

- ■ Results (802.3 voters)
  - ❑ Yes - 46
  - ❑ No - 21
  - ❑ Don't know - 15
    - ■ Likely to attend if it is a WG Interim Meeting - 3

Some of the discussion on the straw poll
- Mr. Diab asked what this was about? Mr. Grow clarified that this is not about South Korea but rather that this would be for the ability to make the interim a

Working Group interim so that decisions on the HSSG PAR could be made at an interim.
- Mr. McCormack asked if there would be a binding motion at a later date to do this. Mr. Grow responded that he would expect that if a WG interim were feasible and needed.
- Mr. Diab commented that the wording of the question was confusing.

Energy Efficient Ethernet Study Group (EEESG) – Mike Bennett
http://www.ieee802.org/3/minutes/jul07/0707_eeesg_open_report.pdf

Mr. Bennett announced that there will be a tutorial at 6.30pm Monday. Please refer to http://www.ieee802.org/802_tutorials/july07/IEEE-tutorial-energy-efficient-ethernet.pdf

Room Assignments and TF Schedules
Mr. Carlson presented the room assignments and schedules
Please refer to http://www.ieee802.org/3/minutes/jul07/0707_rooms_open.pdf

For the final ad-hocs and agenda, an updated room assignment will be posted on the 802 announcement board where it is usually found.

A current version of the agenda and room assignments can be found at
http://ieee802.facetoface-events.com/plenary/attendee
(Note that the above link is a dynamic link)

Future Meetings
Please refer to http://www.ieee802.org/3/minutes/jul07/0707_meetings_open.pdf
Mr. Carlson showed a brief report on future meetings:
- including the September interim proposal
- Will be covered Thursday as well

MOTION #4

Motion to Recess.

M: W. Diab
S: D. Law

Passed by voice vote without opposition 16-Jul-2007 6:03PM

Recessed.

THURSDAY, July 19, 2007

ADMINISTRATIVE MATTERS

Thursday, July 19, 2007 1PM – 5PM

Mr. Grow called the meeting to order at 1:07PM. Mr. Grow reminded the group that the draft agenda had been posted by Mr. Diab on the website in the minutes area. Because of its late availability, additional paper copies of the agenda were distributed to the group. Mr. Grow reminded the group that the agenda was quite full for the session.

Mr. Grow displayed the new patent policy slides and that this meeting continued under the policy read on Monday and asked if anyone objected to proceeding.

Mr. Grow asked if anyone wished to modify the agenda. There were no questions, requests or objections on the proposed agenda.

MOTION #1

Motion to approve agenda:

M: H. Barrass
S: J. D'Ambrosia

Passed by voice vote without opposition 19-Jul-2007 1:11PM

Review of Voting Membership, Request Membership
Mr. Grow displayed the current 802.3 voters list. Mr. Grow explained how to gain membership in 802.3. See http://grouper.ieee.org/groups/802/3/rules/index.html for complete information.

Mr. Grow then displayed the potential voters list and ran through it.

The following individuals indicated they wished to become 802.3 voters on Thursday:
Herve, Pierre
Hirth, Ryan
Hotta, Yoshifumi
Krishnamurthy, Subi
Peers, Neil
Perkins, Drew D.
Traverso, Matt

Mr. Kramer attempted to make a motion to give credit to some of his attendees that did not understand the affiliation requirement. After attempting to craft appropriate language, the motion was withdrawn in favor of a straw poll:
- Mr. Thompson suggested that the motion was improperly focused and suggested a friendly amendment to incorporate that the Chair has the authority to grant attendance credit
- Mr. Law spoke against the motion to grant attendance credit as it contradicted the IEEE-SA operations manual.
- Mr. Grow agreed and ruled the motion out of order, asking for a straw poll of 802.3 voter support to him using Chair's authority to grant membership based on participation to those that had failed to declaration of affiliation.

Straw poll:
How many in 802.3 would support Mr. Kramer's request?
- A majority of voters supported. None objected.

Mr. Grow noted that he would take the group's feedback in his decision to use the Chair's discretionary powers.

Liaison
Mr. Parsons showed a presentation and proposed liaison response to the incoming ITU liaison LS158. Please refer to the liaison attachements at
http://www.ieee802.org/3/minutes/jul07/index.html

MOTION #2

Approve liaison response to ITU-T and request mover to submit appropriate comment against 802.3ay ballot.

M: G. Parsons
S: J. Frazier

Passed by voice vote without opposition 19-Jul-2007 1:50PM

Discussion on the above motion :
- There were further edits made to the letter
- Mr. Diab asked for a friendly ammendment to make the motion more specific to the particular ITU letter being discussed (LS158)

Attendance Books
Mr. Diab explained the operation of the Attendance books for new voters and established voters.

Mr. Diab reminded attendees to verify their email address and contact information in the voting books and to ensure that they are current. To maintain voting status, contact information must be up-to-date.

Press

Mr. Grow asked if there was a member of the press, or anybody that would blog on the meeting, present. None responded so Mr. Grow noted that there should be no recording or photography without permission.

Update from EC Chair's Meetings

Mr. Grow indicated that there were no significant updates from EC Chair's meetings during the week.

Mr. Grow gave an update on my project and noted that there is also an IEEE 802 ombudsman that can be found on the 802 homepage.

MAINTENANCE – David Law

Please refer to http://www.ieee802.org/3/minutes/jul07/0707_maint_close_report.pdf.

Mr. Law gave a summary:
- Met Wednesday
  - Reviewed maintenance request status
  - IEEE 802.3ay Maintenance #9 (Revision)
    - IEEE P802.3REV
  - IEEE 802.3ax Link Aggregation
    - IEEE P802.1AX
  - IEEE Std 1802.3-2001 reaffirmation
- Maintenance request 1107 withdrawn
  - Status was 'Received'
  - Had not been progressed
- 33 Open Maintenance requests
- Current status of open requests -
  - Balloting   20
  - Ready for ballot   10
  - Awaiting clarification   0
  - To be categorised   3
  - Notes:
    - All 'Balloting' requests included in IEEE 802.3ax draft
    - All 'Ready for Ballot' assigned to IEEE P802.3at
- IEEE 802.3ax (IEEE P802.1AX)
  - Met Wednesday
  - Reviewed IEEE 802.3ax/D1.1 (IEEE P802.1AX)
  - Responded to 21 comments
  - No big ticket items
  - Substantive change
    - Missing normative reference
    - Recirculation required
- IEEE 802.3ay (IEEE P802.3REV)
  - Met Wednesday

- Reviewed IEEE 802.3ay/D1.1 (IEEE P802.3) revision
- Responded to 99 comments
- Big ticket items
    - Backplane Ethernet merge errors
    - 1000BASE-T transmit distortion

Mr. Law also showed the latest revision timeline for the IEEE Std. 802.3 revision.

MOTION #3

IEEE 802.3 accepts the resolution to all comments received in the Working Group recirculation ballots of IEEE 802.3ax/D1.1 and IEEE 802.3ay/D1.1, and authorizes the editors to generate IEEE 802.3ax/D1.2 and IEEE 802.3ay/D1.2.

IEEE 802.3 authorizes the Maintenance Task Force to conduct recirculation ballots and meetings as necessary to resolve comments received during IEEE 802.3ax and IEEE 802.3ay balloting.

IEEE 802.3 Working Group Chair request IEEE 802 EC grant conditional approval per IEEE 802 P&P Procedure 20 for IEEE 802.3ax (IEEE P802.3AX) Link Aggregation and IEEE 802.3ay (IEEE P802.3) revision to proceed to Sponsor Ballot.

M: D. Law on behalf of the TF

Tech 75%
Y:76   N:0   A:7   MOTION PASSES   Date: 19-Jul-2007 2:08PM

There was no discussion on the above motion

Rules – Mr. Law
Please refer to http://www.ieee802.org/3/minutes/jul07/0707_rules_close_report.pdf

Mr. Law overviewed the rules change procedure and the request received:
- Four rules revisions proposals received in March
- Revision procedure in subclause 2.9 of rules
    - Meeting held to discuss changes in March
    - Changes pre-circulated prior this plenary
        - Four comments received
    - Rules meeting this week to consider
        - Two changes proposed
    - Vote held at the closing IEEE 802.3 plenary Choices:
        - Reject
        - Approve
        - Send out to Working Group Letter Ballot
        - A motion requesting a letter ballot take precedence

Mr. Law overviewed the proposed changes

MOTION #4

IEEE 802.3 approves the proposed IEEE 802.3 rules revisions 1-03/07 and 2-03/07 without a 30 day WG letter ballot.

M: D. Law
S: H. Frazier

Tech 75%
Passed by voice vote without opposition 19-Jul-2007 2:18PM

Discussion on the above motion :
- Mr. Tolley asked if we were going back to the status quo regarding SG voting. Mr. Grow reponded that we were not.
- Mr. Grow asked if anyone would like this vote counted. None were given

MOTION #5

IEEE 802.3 sends the proposed rules revision 3-03/07 for Working Group letter ballot.

M: H. Frazier
S: G. Thompson

Tech 75%
Passed by voice vote without opposition 19-Jul-2007 2:23PM

Discussion on the above motion :
- Mr. Frazier explained why he asked that this be sent out for WG ballot
- Mr. Thompson explained why he asked that this be sent out for WG ballot also

MOTION #6

IEEE 802.3 will use 'Ethernet' as the name of the IEEE 802.3 Working Group and request IEEE 802 EC affirmation of this.

This motion has no effect on titles of standards.

M: D. Law
S: B. Booth

Tech 75%
Y:83   N:1   A:0   MOTION PASSES   Date: 19-Jul-2007 2:33PM

Discussion on the above motion:
- A straw poll was conducted as follows
- STRAW POLL

- o A – CSMA/CD Working Group
- o Name on IEEE 802 web page
- o B – CSMA/CD (Ethernet) Working Group
- o Name on IEEE 802.3 web page
- o C – Ethernet Working Group
- o Name currently used on PARs
- C had the largest majority

Mr. Kramer asked if this has any effect on project titles. Mr. Grow responded that the motion addressed how 802.3 would be found on the web. The results though make it clear that the preferred WG name is IEEE 802.3 Ethernet Working Group.

Task Forces
P802.3ar – Congestion Management – Bob Grow (Acting Chair)
Please refer to http://www.ieee802.org/3/minutes/jul07/0707_ar_close_report.pdf

Mr. Grow asked Mr. Law to Chair 802.3 for this section.

MOTION #7

Initiate action for withdrawal of the P802.3ar PAR

M: T. Dineen
S: G. Thompson

Tech 75%

Y:18	N:21	A:35	MOTION FAILS	Date: 19-Jul-2007 2:55PM

Discussion on the above motion:
- Mr. Dineen spoke in favor of the above motion
- Mr. Thompson spoke in favor of the above motion
- Mr. Frazier spoke in favor of this motion
- Mr. Grow as Chair spoke that he would feel oblidged to resubmit the modified PAR and 5 criterea if this motion failed. If it passed then he would take the action of the motion.
- Mr. Grow as an individual (affiliated with Intel) spoke against the above motion and in support of the capabilities proposed in the current 802.3ar draft; but encouraged the WG to take a decision one way or the other.
- Mr. Wadekar spoke against the above motion
- Mr. Muler spoke in favor of the above the motion
- Mr. Tolley spoke in favor of the above motion
- Mr. Booth spoke against the above motion
- Mr. Muler asked when the PAR expires? Mr. Grow responded that it would expire at the end of 2008.

Mr. Law gave the Chair back to Mr. Grow after the vote on the motion.

Mr. Trowbridge asked how many people would meet in November.

Mr. Grow asked Mr. Law to resume chairing the meeting for this discussion.

Mr. Grow asked for a straw poll on the desired next 802.3ar meeting, there ware slightly more people in favor of meeting in November 2007 vs. March 2008.

Mr. Law gave the Chair back to Mr. Grow at the conclusion of P802.3ar business.

P802.3at – DTE Power Enhancements – Mike McCormack
Please refer to http://www.ieee802.org/3/minutes/jul07/0707_at_close_report.pdf

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MOTION #8

Move that:
The IEEE 802.3 Working Group forward the liaison letter
IEEE_802_3_to_TIA_0707.pdf to TR42 with editorial license to the Working Group Chair.

M: M. McCormack
S: W. Diab

Tech 75%
MOTION PASSES by voice vote without opposition   19-Jul-2007 3:07PM

There was no discussion on the above motion

20 Minutes break at 3.08pm. Resumed at 3.28pm

P802.3av – 10GEPON – **Glen Kramer**
Please refer to http://www.ieee802.org/3/minutes/jul07/0707_av_close_report.pdf

Mr. Grow announced that if anyone felt that they fell into the category of having signed in the attendance but failed sign the affiliation in March due to a lack of understanding the procedure to contact him directly.

EEESG (Energy Efficient Ethernet Study Group) – Mike Bennett
Please refer to http://www.ieee802.org/3/minutes/jul07/0707_eeesg_close_report.pdf

Mr. Bennett showed the PAR, Scope, Purpose, and Need.

Mr. Grow pointed out that the material was pre-circulated and met all required deadlines.

Mr. Kramer pointed out an editorial that "Energy Efficient" should be hyphenated, hyphenation was confirmed as the correct punctuation by the 802.3 staff editor. All following motions presumed corrections to "Energy-Efficient Ethernet".

MOTION #9

Move that 802.3 approve the EEE Objectives document per 0707_eeesg_close_report.pdf

M: M. Bennett
S: W. Diab

75%
Y:79   N:2   A:3   MOTION PASSES   Date: 19-Jul-2007 3:51PM

Discussion on the above motion:
- A question was asked to clarify where the question will be posted

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MOTION #10

Move that 802.3 approve the EEE Broad Market Potential Criterion per 0707_eeesg_close_report.pdf

M: M. Bennett
S: H. Barrass

75%
Y:75   N:1   A:8   MOTION PASSES   Date: 19-Jul-2007 3:54PM

There was no discussion on the above motion.

MOTION #11

Move that 802.3 approve the EEE Compatibility Criterion per 0707_eeesg_close_report.pdf

M: M. Bennett
S: D. Law

75%
Y:78   N:1   A:6   MOTION PASSES   Date: 19-Jul-2007 3:56PM

There was no discussion on the above motion.

MOTION #12

Move that 802.3 approve the EEE Distinct Identity Criterion per 0707_eeesg_close_report.pdf

M: M. Bennett

S: D. Law

75%
Y:81   N:1   A:4   MOTION PASSES   Date: 19-Jul-2007 3:58PM

There was no discussion on the above motion.

MOTION #13

Move that 802.3 approve the EEE Technical Feasibility Criterion per
0707_eeesg_close_report.pdf

M: M. Bennett
S: W. Diab

75%
Y:77   N:0   A:8   MOTION PASSES   Date: 19-Jul-2007 4:01PM

There was no discussion on the above motion.

MOTION #14

Move that 802.3 approve the EEE Economic Feasibility Criterion per
0707_eeesg_close_report.pdf

M: M. Bennett
S: W. Diab

75%
Y:82   N:0   A:3   MOTION PASSES   Date: 19-Jul-2007 4:03PM

There was no discussion on the above motion.

MOTION #15

802.3 WG approve the 802.3az, Energy-Efficient Ethernet, PAR
(http://grouper.ieee.org/groups/802/3/eee_study/eee_par.pdf) and request EC approval for
submittal to NesCom for consideration at the September meeting.

M: M. Bennett
S: J. D'Ambrosia

75%
Y:83   N:1   A:4   MOTION PASSES   Date: 19-Jul-2007 4:06PM

There was no discussion on the above motion.

MOTION #16

Move that 802.3 extend the Energy-Efficient Ethernet Study Group

M: M. Bennett on behalf of the Study Group

75%
Y:83   N:0   A:3   MOTION PASSES   Date: 19-Jul-2007 4:08PM

There was no discussion on the above motion.

HSSG (Higher Speed Study Group) – John D'Ambrosia
Please refer to http://www.ieee802.org/3/minutes/jul07/0707_hssg_closing_report.pdf

MOTION #17

Move that 802.3 approve the HSSG Objectives as per 0707_hssg_closing_report.pdf

M: J. D'Ambrosia
S: M. Noel

75%
Y:84   N:2   A:2   MOTION PASSES   Date: 19-Jul-2007 4:18PM

Discussion on the above motion :
-   Mr. Seto asked for a clarification

Mr. D'Ambrosia showed the PAR, Scope, Purpose, and Need. Mr. D'Ambrosia also showed the 5 criteria responses.

MOTION #18

Move that 802.3 approve the HSSG Broad Market Potential Criterion per 0707_hssg_ closing _report.pdf

M: J. D'Ambrosia
S: H. Frazier

75%
Y:80   N:1   A:4   MOTION PASSES   Date: 19-Jul-2007 4:24PM

Discussion on the above motion :
-   Mr. Dawe spoke against the above motion with respect to 100G broad market potential

MOTION #19

Move that 802.3 approve the HSSG Compatibility Criterion per 0707_hssg_ closing _report.pdf

M: J. D'Ambrosia
S: H. Frazier

75%
Y:80   N:1   A:4   MOTION PASSES   Date: 19-Jul-2007 4:24PM

There was no discussion on the above motion

MOTION #20

Move that 802.3 approve the HSSG Distinct Identity Criterion per 0707_hssg_ closing _report.pdf

M: J. D'Ambrosia
S: H. Frazier

75%
Y:85   N:1   A:3   MOTION PASSES   Date: 19-Jul-2007 4:28PM

There was no discussion on the above motion

MOTION #21

Move that 802.3 approve the HSSG Technical Feasibility Criterion per 0707_hssg_ closing _report.pdf

M: J. D'Ambrosia
S: H. Frazier

75%
Y:86   N:0   A:2   MOTION PASSES   Date: 19-Jul-2007 4:32PM

Discussion on the above motion :
- Mr. Dove spoke in favor of the above motion

MOTION #22

Move that 802.3 approve the HSSG Economic Feasibility Criterion per 0707_hssg_ closing _report.pdf

M: J. D'Ambrosia
S: H. Frazier

75%
Y:85   N:0   A:4   MOTION PASSES   Date: 19-Jul-2007 4:34PM

There was no discussion on the above motion

MOTION #23

Move that 802.3 approve the HSSG PAR, per par_0707.pdf
(http://www.ieee802.org/3/hssg/public/july07/par_0707.pdf)

M: J. D'Ambrosia
S: I. Ganga

75%
Y:82   N:0   A:3   MOTION PASSES   Date: 19-Jul-2007 4:47PM

Discussion on the above motion:
- Mr. Frazier asked a question regarding the designation on the PAR form for the project, specifically the designation bb
- Mr. Grow responded that ba as an acronym had some negative connotations but asked for a straw poll between ba and bb.
  - There was a large majority in favor of ba
- Mr. Grow noted that though the project designation was only a recommendation to NesCom, the above motion assumes he would make the change to ba as an editorial item prior to pre-submittal of the PAR. There was no objection to that.

MOTION #24

Move that the 802.3 Working Group submit the 802.3ba PAR and 5 Criteria to the 802 Executive Committee for consideration at the November 2007 Plenary Session.

M: J. D'Ambrosia
S: I. Ganga

75%
Y:81   N:0   A:3   MOTION PASSES   Date: 19-Jul-2007 4:52PM

Discussion on the above motion:
- Mr. Swanson made a friendly ammendment

MOTION #25

Move that the 802.3 Working Group request that the LMSC Chair pre-submit the 802.3ba PAR to NESCOM for consideration at the December 2007 meeting, remaining on the agenda subject to November 802 EC approval.

M: J. D'Ambrosia
S: I. Ganga

75%
Y:81   N:0   A:3   MOTION PASSES   Date: 19-Jul-2007 4:52PM

Discussion on the above motion:

- Mr. Frazier spoke against the original motion because of the operating rules.
- Mr. Frazier and Mr. Law volunteered friendly amendments resulting in the above text.

MOTION #26

Move that 802.3 approve and forward liaison (nowell_01_0707.pdf) to ITU-T SG15 (Ref: COM 15 – LS 165 – E) with appropriate edits by the Chair (or his appointed agent).

M: J. D'Ambrosia
S: M. Noel

Proc 50%
MOTION PASSES by voice vote without opposition   19-Jul-2007 4:59PM

There was no discussion on the above motion

MOTION #27

Move that the HSSG requests that IEEE 802.3 extend the Higher Speed Study Group.

M: J. D'Ambrosia on behalf of SG

50%
Y:70   N:0   A:0   MOTION PASSES   Date: 19-Jul-2007 5:01PM

There was no discussion on the above motion

1802.3 – David Law
Please refer to http://www.ieee802.org/3/minutes/jul07/0707_1802_close_report.pdf

Mr. Law gave an update on the reaffirmation:
- Standards require reaffirmation/revision every 5 years
- Voted in July 2006 to proceed with reaffirmation
- Initial sponsor ballot
  - Ballot opened 10th August 2006
  - Ballot closed 9th September 2006
- Comments received stated standard out of date
  - Comment resolution agreed that standard should be withdrawn
    - But advice from staff is was need to complete balloting
- Voted in November 2006 to continue
  - Motion : IEEE 802.3 recommends that IEEE Std 1802.3-2001 should be withdrawn and that this recommendation should be provided to the balloters. The recirculation cover letter and comment database should reflect this recommendation.
- Sponsor recirculation ballot
  - Ballot opened 1st March 2007

     – Ballot closed 16th March 2007

STRAW POLL:
     [1] Motion from IEEE 802.3 to EC requesting withdrawal
     [2] Direct chair to submit project to RevCom
         [a] Then do nothing – next revision in 5 years
         [b] Then do [1]
     [3] Do nothing – administrative withdrawal in Dec 2007
Majority in favor of 2b

MOTION #28

Request the IEEE 802.3 chair progress 1802.3 to approval.
Request that IEEE 802 EC request withdrawal of IEEE Std 1802.3 immediately after
Standards Board approval.

M: D. Law
S: B. Booth

75%
Y:31   N:2   A:20   MOTION PASSES   Date: 19-Jul-2007 5:24PM

There was no discussion on the above motion

Other Business
There was no other business

Future Meetings – Steve Carlson
Please refer to http://www.ieee802.org/3/minutes/jul07/0707_meetings_close.pdf
Mr. Carlson asked for a show of hands of how many people would attend the Korea
meeting:
   - 45

Mr. Diab noted that a significant number of observers and voters have left already due to
the time of the day.

MOTION #29

Motion to adjourn.

M: J. D'Ambrosia
S: M. Bennett
Procedural 50%

MOTION PASSES by voice vote without opposition Date: 19-Jul-2007 5:36 PM

Adjourned.