# Unconfirmed Minutes
## IEEE 802.3 CSMA/CD PLENARY
## Hyatt Embarcadero, San Francisco, CA
## July 21 - 24, 2003

**MONDAY, JULY 21, 2003**

**ADMINISTRATIVE MATTERS**

Mr. Robert Grow, Chair of 802.3 CSMA/CD Working Group called the meeting to order at 1:08PM. Mr. Grow introduced Mr. David Law, Vice Chair of 802.3, and Mr. Steve Carlson, Secretary of 802.3, and Task Force Chair of 802.3af. Mr. Howard Frazier, Chair of the 802.3ah Task Force was also introduced, along with Brad Booth, Chair of the 10GBASE-T Study Group, and Dan Dove, Chair of the 802.3ak Task Force.

Mr. Grow then had the attendees stand and introduce themselves to the group. Mr. Grow reminded the group that there is an ANSI policy regarding affiliation.

Mr. Grow asked if there were any additions or corrections to the agenda. None were indicated. Add the Fiber Channel report to the liaison reports. F02.2 has changed its name to FO4.2.

**MOTION**
Approve the agenda <0703_Open_agenda.pdf>.

Moved: Frazier
Seconded: Barass

Agenda was passed by acclamation (voice vote).

Mr. Grow presented his Opening Report <0703_Open_report.pdf>. This report contains all published standards, voter lists (voters, potential, in peril), Standards Board report, Interim Meeting reports, and Ballot status, Executive Committee report,

**MOTION**

Approve the 802.3 minutes from March 2003

M:  Scott          S: Brown

PASSED by acclamation

**Attendance Books**

Mr. Carlson explained the operation of the Attendance books for new voters and established voters. Voters we cautioned that they would be subjected to public humiliation if they failed to follow the instructions.

Mr. Grow explained about paying the registration fees. Mr. Grow explained that your registration as a voter includes the 802.3-2002 CD-ROM, which includes 802.3ae. Mr. Grow forcefully explained that registration and the fee is mandatory. "We know who you are."

These individuals responded: Simcha Aronson, Peter Bradshaw, James Carlo, Guss Clausen, John De Andrea, Bernard O. Debbasch, George Ginis, Sam Heidari, William W. Jones, Lior Khermosh, Lim Seyoun, Chris McGugan, John Messenger, Ron Nordin, Petre Popescu, Robert Reed, Ben Sheppard, Avadhani Shrindar, Kumaran Veerayah, Darin Winterton Tae-Whan Yoo, Pavel Zivny

Chris DiMinico gave a pitch for his data center tutorial (no slides)

Geoff Thompson gave a pitch for the e@30+ tutorial. Bob Metcalf, David Boggs, Gary Robinson and Ron Crain will reminisce about the early days of Ethernet. See < 07003_EtherAt30.pdf>

**IEEE and 802 Brand Identification**

Karen McCabe from IEEE Sr. Marketing Manager from SA discussed brand ID.

Bruce Tolley – Cisco – Are you saying that the Standard is the IP of the IEEE SA? Mr. Grow explained that the copyright is assigned to the IEEE SA.  Bruce – I don't understand what you want from us…when do we use the TM?

David Law – 3Com – IEEE kite logo---anyone can download the logo from the Website, if a 3rd party used the logo, it implies that IEEE agrees with the content of the site.

Geoff Thompson – Nortel – Brand protection is a cost center, not a profit center. Where is the money going to come from to do a good job?  Karen Rupp – financial officer said that this is being discussed.

Brand protection is for whose benefit? For 802, or for IEEE? Karen Rupp, we don't have the answers.

Pat Thaler – Agilent – 15 year history of not doing this---how are we going to make this happen? Conformance claims for things that are not standards is a reasonable area, but once it is a standard, can IEEE really take the project on?

Terry Cobb- Avaya – What is trademarked? 802 is a registered trademark.

Bruce Tolley – Is IEEE going to enforce this?

Tom Dineen – We are a non-profit forum where professionals get together to develop the standards, why do we need to do this now?

**Patent Policy**

Mr. Grow read the IEEE Patent Policy <0703_Open_report.pdf>  Mr. Grow asked if anyone had any IP, and no one came forth. Mr. Grow reminded the group not to discuss territory, market share, price, ongoing litigation, threatened litigation, etc.

Shimon Muller has a letter on 802.3ah. Mr. Grow has the action item to send this letter to PatCom.

**PARS**
See <0703_Open_report.pdf>

802.1ad bridge PAR – Geoff Thompson indicates that they need a frame extension from 802.3. Early 802.1ab topology discovery, emulated Ethernet links. We need 802.1 to come and explain what they are doing.  Mr. Grow will arrange for a meeting with 802.1. Tuesday morning ad-hoc meeting space. David Law: how will this be presented to 802.1?

802.1ac – This is coming along and 802.3 must stay aware of the work.

**State of the Standard**

Mr. Law reported on the state of the standard <0703_state_of_std.pdf>.
Mr. Thompson suggested that we need to split the book into more manageable chunks. Chris DiMinico asked if this would help remove some of the conflicting goals between the various projects. Howard Frazier pointed out an error in the slide set regarding to the target approval date of 802.3ah.

A question was asked regarding the ISO status of 802 projects. 802 uses the ISO FasTrak process through BSI. ISO does not make changes. It usually takes 6 months.

**Operating Rules of 802.3**

Mr. Law reported on the Operating Rules. See <0703_rules_open_report.pdf>

**Interpretations**

 New requests <0703_interp_open_report.pdf>

Shimon asked about the 1 DIS vote from Geoff Thompson. Mr. Thompson was not available to explain his position.

**Liaison Reports**

All liaison letter are located in the Liaison Letter Section.

External: TIA – TR-42 – Val Rybinski

Need ad hoc to review the standard from TIA with regard to DTE Power – Chris DiMinico. An ad hoc was scheduled.

SC25 WG3 Material – no report
 FO4.2  - no report
SE6WG3 - no report
TR41.3 - no report
IETF - no report
Fiber Channel – TG11.2  Schelto Vandoorn
Some questions from the floor---300 m would be better. Proposal for ad hoc and liaison to do this work.

802.11 – no report
802.15 – no report
802.16 – no report
802.17 – no report
802.19 – no report
802.20 – no report

**Maintenance**

802.3aj – Mr. Law <0703_maint_open_report>

**802.3af DTE Power Final Report – Steve Carlson**

<0703_DTE_final.pdf >

**802.3ah EFM Opening Report – Howard Frazier**

Mr. Frazier waxed poetic about the Seoul meeting. <0703_Open_EFM.pdf>

**802.3 10GBASE-CX4 SG Opening Report – Dan Dove**

<0703_Open_CX4.pdf>

**802.3 10GBASE-T SG Opening Report – Brad Booth**

<0703_Open_10G.pdf>

**Room Assignments and TF Schedules**
Mr. Law presented the room assignments.

802.3 PAR AD Hoc Tues. 10:00AM, Bob Grow
FC EDC Ad Hoc Wed. 3:00 – 4:30 Sea Cliff A, Schelto van Doorn
802.3af TIA Wed. 3:00PM – 4:30PM Sea Cliff B, Steve Carlson
Interpretation/Maint. Wed. 4:30-6:00PM Sea Cliff B, David Law

Motion to adjourn by Don Langston at 5:35 PM. Passed by acclamation.

**THURSDAY, JULY 24, 2003**

**ADMINISTRATIVE MATTERS**

Thursday, July 21, 2003 1PM – 5PM

Mr. Grow called the meeting to order at 1:05PM. The agenda was distributed to the group. Mr. Grow ed if anyone whished to modify the agenda, their was nor response so the agenda is approved. Mr. Carlson ran through the attendance books and lectured people about signing.

Mr. Grow displayed the current 802.3 voters list. He then displayed the potential voters list and ran through it. The following individuals indicated they wished to become 802.3 voters. Insert list.

Mr. Grow read the IEEE Patent policy <0703_Open_report.pdf>
Mr. Grow read the IEEE anti-trust policy <0703_Open_report.pdf >

**Liaison**

Fiber Channel – Shelto Vandoorn – <0703_INCITS_T11_2.pdf>

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MOTION #1

Move to confirm Shelto Vandoorn as the liaison to T11.2

M: Booth            S. Thaler

Y:      N:      A:

Passes by acclamation

75% technical 1:25PM

PASSES

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MOTION #2

Move to accept the liaison letter from 802.3 to T11.2

M: Vandoorn        S: Thaler

Y: 92  N: 0   A: 5


75% technical 1:37PM
802.3 voters only

PASSES

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Mr. Grow indicated that the presentations from the ad hoc need to be cleaned up before they may be posted.

### Report from ad hoc on TR-42 DTE Power Specification – Geoff Thompson

See <0703_568b1ADD6bal.pdf>

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MOTION

Move to accept the response in principle to allow liaison letter from 802.3 to TR-42 regarding DTE Power.

M: Thompson S: Langston

Y: 89  N: 2   A: 8


75% technical 1:47PM
802.3 voters only

PASSES

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### Report on TR-42 March liaison letter on industrial Ethernet - Bob Grow

The letter was presented and edited by the group.

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MOTION

Move to accept the response in principle to allow liaison letter from 802.3 to TR-42 regarding industrial Ethernet.

M: Carlson     S: Dove

Y: 83   N: 1   A: 9

75% technical 1:59PM
802.3 voters only

PASSES

## Report on SC25 letter from March – Steve Carlson

MOTION

Move to accept the response in principle to allow liaison letter from 802.3 to SC25
regarding remotely powered devices

M: Carlson     S: Eisler

Y: 83   N: 0   A: 4

75% technical 2:05PM
802.3 voters only

## Executive Items
PARS – Mr. Grow chaired the ad hoc on 802.1 PARS for 802.1x and 802.1q .  Concern
was expressed that the scope is too broad and might catch 802.3 by surprise. The
consensus was to simply continue a close association with 802.1.

Rich Brand  gave an informal report on OAM; joint meeting with 802.1; Rich Brand is
the informal go-between for the 802.3 to 802.1.

MOTION

Move to accept Rich Brand as the  reporter to 802.1

M: Maslos     S: Brand

Passed by acclamation

## Report on Executive Session – Bob Grow

Executive Session was held Monday evening to discuss financial irregularities by several
802 chairs. The Chairs received a formal reprimand. The official read-out will be done at
the SEC meeting on Friday.

## RULES CHANGE – David Law

See  <0703_rules_close_report >

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MOTION

IEEE 802.3 approves the proposed IEEE P802.3 Rules revision 1-03/03 without a 30 WG letter ballot.

M: Law          S: Carlson

Y: 90   N: 0    A: 1
Technical 75%  2:25PM

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## INTERPRETATIONS – David Law

< 0703_interp_close_report.pdf>

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MOTION

IEEE 802.3 approves the proposed Interpretation
response to the Interpretation requests 1-07/03, 2-
07/03 as presented without the need for a 30 day letter ballot.

M: Law S: Carlson      Tech 75%
PASSED Date:24-July-2003
Y: 77   N: 0    A: 0     Time: 2:44PM

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## MAINTENANCE – David Law
<0703_maint_close_report.pdf >

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MOTION

IEEE P802.3 requests that the IEEE 802 LMSC Executive Committee give permission for the IEEE 802.3 Working Group Chair to submit IEEE P802.3aj  Maint. #7 Draft 3.1 to REVCOM for the September 2003 Standards Board Meeting.

M: David Law S: Barrass Tech 75%
PASSED Date: 24-July-2003 3:11PM
Y: 76 N: 0 A: 2

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**802.3ah Ethernet First Mile (EFM) – Howard Frazier**
< 0703_Close_EFM .pdf>

Mr. Frazier gave an introduction to the four presentations that demonstrate that EFM has met its objectives.

OAM- Matt Squires, by Kevin Daines  <daines_1_0703.pdf>
Optics – Viphul Bhatt <bhatt_1_0703.pdf>
Copper – Barry O'Mahony <omahony_1_0703.pdf>
P2MP – Gerry Pesavento <pesavento_1_0703.pdf>
Editors Report – Wael Diab < 0703_Close_EFM_editor.pdf>

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MOTION

Submit IEEE Draft P802.3ah/D2.0 for a 38 day 802.3 Working Group ballot, and authorize the IEEE 802.3ah EFM Task Force to respond to ballot comments and conduct recirculations if necessary.

M: Frazier on behalf of the EFM TF Tech 75%

PASSED Date: 24-July-2003 4:14PM 802.3 voters

Y: 107  N:  0   A: 0

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**EFM Liaison – Hugh Barrass**

**ITUT-SG15/Q4 –** See liaison letter section

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MOTION

Transmit communication statement to T1M1.

M: Barrass      S: Brand         Tech 75%

PASSED Date: 24-July-2003 4:49PM 802.3 voters

Y: 71   N:  0    A: 1

**802.3ak TF – Dan Dove**
< 0703_10GCX4_close.pdf>

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MOTION

Motion to suspend the 802.3 rules with regard to 30 day notice for Interim meeting

M:Thompson          S: van Doorn

Passed by acclamation

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MOTION

Affirm this week's votes of the 802.3ak task force and authorize the task force to conduct an interim meeting on August 13th, 2003 with 20 day notice in the San Jose area; suspending the rule for 30day meeting and conduct recirc and TF meetings as necessary.

M: Dove          S: Bradshaw

Y: 58   N: 0     A: 7

802.3 voters

MOTION PASSES 4:59PM

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MOTION

Request that the 802 SEC Sponsor Ballot of P802.3ak/D5.0 Procedure 10 and authorize re-circulation ballots and interim meetings as necessary.

M: Dove          S: Barrass

Y: 61   N: 0     A: 4

802.3 voters Technical 75%

MOTION PASSES 5:07PM

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**802.3 10GBASE-T  SG - Brad Booth**
< 0703_10GBT_closing .pdf>

MOTION

Move that the 802.3 Chair submit the liaison letter to corresponding standards body.

M: Booth on behalf of 10GBASE-T SG

Y: 56   N: 1    A: 4

802.3 voters Technical 75%

MOTION PASSES 5:PM

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MOTION

Move that the 802.3 Chair forward the PAR and 5 Criteria from the September Interim to the LMSC Exec and NESCOM for consideration in December, with the understanding that if the Exec and 802.3a approval is not received, the PAR will be removed from the NESCOM agenda.

M: Booth on behalf of 10GBASE-T SG

Y: 30   N: 16   A: 15

802.3 voters Technical 75%

MOTION FAILS 6:12PM

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MOTION TO AMEND

Changes made in red to motion

M: Thaler S: Muller

Passes by acclamation

802.3 voters Technical 75%

MOTION PASSES 5:PM

MOTION

Move that the 802.3 extend the 10GBASE-T study group.

M: Booth on behalf of the SG

Y: 51   N:0      A: 4

802.3 voters Technical 75%

MOTION PASSES 5:PM

MOTION TO AMEND

Change to present text.

M:Carlo S: Vandoorn

Passes by acclamation

This project depends upon uncharacterized characteristics of Class D and E cabling. Much discussion that this project still has too many unknowns and that this is too aggressive a timeline.

Motion adjourn at 6:17PM