

Unconfirmed Minutes
IEEE 802.3 CSMA/CD PLENARY
LaJolla, CA
July 10-13, 2000

MONDAY, 10 JULY

ADMINISTRATIVE MATTERS

Mr. Geoff Thompson, Chair 802.3 CSMA/CD, opened the Working Group plenary at 1300, by welcoming meeting attendees and introducing Mr. David Law, Vice-Chair 802.3, Mr. Robert Grow, Secretary 802.3 who recorded these minutes, and the Task Force Chairs: Mr. Jonathan Thatcher (802.3ae), and Mr. Steve Carlson (802.3af).

Mr. Thompson explained attendance rules, the email reflectors maintained by the committee, and described information available on the web site. The Working Group web pages contain a wealth of information about 802.3. This includes the 802.3 Operating Rules, descriptions of how to subscribe to the various email reflectors, meeting minutes and an archive of presentations to the Working Group and its subgroups. The 802.3 home page is: <http://www.ieee802.org/3>.

The meeting agenda was distributed, and the meeting attendees were asked to introduce themselves. Mr. Thompson reviewed the voting members of the Working Group ([Attachment A2](#)) and the requirements to qualify for voting membership. He presented the voters in peril ([Attachment A3](#)), and the potential voter list. The following indicated by * on [Attachment A4](#) requested to become voting members: Babenezhad, Joseph; Berglund, Sidney; Claseman, George; Cunningham, David; Dahlgren, Robert Dallesasse, John; Darnell, Peter; Dupuis, Marc; Feuerstraeter, Mark; Freitag, Ladd; Frojdh, Krister; Grann, Eric; Gray, Thomas; Greenlaw, Johanathan; Hackert, Michael; Hansen, Johannes; Ichino, Haruhiko; Ishida, Osamu; Karam, Roger; Kayser, Kevin; Kumar, Pankaj; Lee, Hyeong Ho; Leonowich, Robert; Lerer, Michael; Lewing, Van; Luu, Philip; Micallef, Joseph; Milbury, Martin; Nadeau, Gerard; Pace, Robert; Parhi, Keshab; Pepeljugoski, Petar; Rasimas, Jennifer, Robinson, Gary; Robinson, Stuart; Thaler, Pat; Truman, Thomas; Wiedemann, Bill; Won, Jonghwa; Won, King; Wong, Ed; Wong, Leo; York, Jason; Yousefi, Nariman; Zannini, Hank. This increases the number of 802.3 members to 237.

The attendance lists were explained and circulated, the meeting attendance for the week is [Attachment A5](#). All attendees were told of the obligation to register for the meeting and pay the \$300 meeting fee. A discounted pre-registration rate of \$250 was available for this meeting and will be available for the November Tampa meeting. A list of future meetings and registration instructions are available through the IEEE 802 web site home page, <http://www.ieee802.org>.

Agenda (Monday-Tuesday)

MOTION:

Approve the agenda ([Attachment A1](#)).

M: S. Haddock, S: T. Dineen.

Approved by voice without objection.

MOTION:

Approve the Minutes of the March 2000 Albuquerque meeting.

M: T. Dineen, S: L. Miller.

Approved by voice without objection.

Working Group Activities Since Albuquerque

The 802.3ae 10 Gigabit Ethernet Task Force and DTE Power via the MDI Task Force met in Ottawa, Ontario in May. The Maintenance Task Force met by teleconference, and a Working Group ballot closed on IEEE 1802.3revision just prior to this meeting. Details of these activities follow in the group reports.

Executive Committee Items

The Friday 802 closing plenary has been eliminated. Working group and other reports previously given at the closing plenary will be posted within one week. Mr. Thompson reviewed the Executive Committee business meetings scheduled for the week. This includes networking 802 meetings, free distribution of 802 standards, liaison and position process, as well as a RAC meeting. Tutorials scheduled for the meeting week were announced.

External Liaison Report – TR-42

Mr. Chris Diminico showed how TIA interacts with other standards groups. They have a project on next generation multimode fiber, which is being considered for addition to building cabling standards ([Attachment B1](#)). They are also working to provide support to 802.3af on specific characteristics of Cat 5 UTP.

External Liaison Report – SC25/WG3

Mr. Alan Flatman reviewed the work on structured cabling standards ([Attachment B2](#)). He gave some background on the three similar standards: TIA/EIA 568, ISO 11801, and EN 50173. He also reviewed the SC25/WG3 meeting in Tromso in June, focusing on the 2nd edition of 11801. He suggested an ad hoc group might want to meet during the week to discuss specification of LCTL.

Mr. Thompson presented the formal liaison matter from the meeting, a draft letter answering the questions of 802.3af. ([Attachment B3](#)). The letter will be discussed in detail in the Task Force.

External Liaison Report – SC6/WG3

SC6/WG3 will merge with SC6/WG1. Korea will take over the Secretariat as US funding ended in February 2000.

External Liaison Report – TR41.5

Mr. Cobb displayed a letter on PN-4657 ([Attachment B4](#)). This is a Cat 6 1000 Mb/s PHY being worked on in TIA. The letter includes an expression for outside comment in balloting, including 802.3; and a request regarding use of 802.3 terminology.

PAR Approvals For This Week

Mr. Thompson described the 802.11d PAR to be reviewed this week. He invited comment, but there was no discussion or desire of the Working Group to direct the position of the chair.

Reflectors/Participant List

Mr. Thompson reviewed the use of our reflectors. Inappropriate use includes “spam”, recruiting, marketing, etc. A violation of appropriate use has necessitated blocking posting from a particular domain name.

The IEEE has requested attendance lists to enable indemnification of committee participants. IEEE had also planned to use the contact information to distribute IEEE material not directly related to 802 business. Multiple Executive Committee members objected to this. The Executive Committee decided to limit the provided information to name, company affiliation and phone number. Mr. Thompson also described the requirements for participation in ballots and encouraged members to join IEEE and the SA to enable participation in Sponsor Ballots.

State of Standards

Mr. David Law, Vice Chair of 802.3, presented the IEEE Project 802.3 Working Group Standards Status ([Attachment A6](#)) and the matrix showing which base document clauses are changed by subsequent supplements ([Attachment A7](#)). The matrix represents the current publication status of the full 802.3 standard IEEE 802.3, 1998 Edition and its supplements. A consolidated version of Std. IEEE 802.3, 2000 Edition is planned for later this year, and combined with the current 1802.3rev ballot, and proposed maintenance PAR will significantly change the publication status of our standards.

Operating Rules of 802.3

Mr. Law described editorial changes to the rules that have been and will be made. These are primarily required because of changes to the meeting week (compressing the opening 802.3 plenary and elimination of the closing 802 plenary). ([Attachment A9](#))

Call for Patents

Mr. Thompson reviewed the IEEE patent policy. The IEEE requests release letters from holders of patents that may apply to standards in development. These letters state the patent holder’s willingness to comply with the IEEE patent policy. 802.3 also solicits information on patents that have been filed but not yet issued, since it is easier to get release letters while company representatives are active in the working group ([Attachment A8](#)). The current patent policy as well as an example response letter can be found in the IEEE Standards Companion, or on the web at <http://www.ieee802.org/3/patent.html>. No

patent letters were presented, nor was there any expression from those attending of intent to submit a letter, in response to his request.

CONFORMANCE (1802.3rev)

Mr. Law reviewed the results of the WG ballot on 1802.3rev ([Attachment H1](#)). The ballot currently does not stand approved because of the number of abstentions. The changes will be evaluated to see if Sponsor Ballot can be approved or conditionally approved. There was only one Disapprove. Some committee members felt the basis of the comment was really editorial, since the substance of the comments was to correct errors introduced by font conversion between computers.

MAINTENANCE

Mr. Law reported on the meetings on maintenance ([Attachment G1](#)). 50 maintenance requests have been received. A conference call was held in May. A few comments/changes are ready for ballot. Some comments require technical work and others require primarily editorial review. A new maintenance request has been received on the naming of management arcs. Some of our attributes currently violate syntax by starting with a digit. Mr. Law believes this could and should be treated as an errata and therefore could be fixed for the 2000 edition of IEEE Std. 802.3.

LINK AGGREGATION (802.3ad)

Mr. Thompson thanked the task force chair and editors of 802.3ad, Mr. Haddock, Mr. Law, Mr. Seifert and Mr. Jeffries, for their contributions to IEEE Std. 802.3ad-2000.

VOTING/CONSENSUS

Mr. Thompson commented on the recent problems we have had with Task Force voting. A letter of apology was received for one particular case of “vote packing” in 802.3af, and Mr. Thompson thanked the employer of those responsible for their straight-forward handling of the situation, and the company’s strong support of our traditional processes. The actions were not supported by the company, nor are they consistent with the behavior of other 802.3 participant from that company.

Mr. Thompson explained that the motivation to produce true consensus precipitated his reflector announcement regarding Task Forces developing motions for 802.3 approval, and as part of this, changing task force voting from attendees to 802.3 members. He invited comment and questions. A long discussion followed, with participants speaking both for and against the new policy. Many of the comments against the new policy were that the change would “neuter” the Task Forces, and overload the Working Group. Comments in support of the new policy recognized the problem of very high turnover, with a high percentage of participants at each Task Force meeting attending for the first time. Discussion was closed by show of hands with a significant majority.

10 GIGABIT ETHERNET (802.3ae)

Mr. Jonathan Thatcher presented the status of the Task Force ([Attachment E1](#)). The group met in Ottawa, Ontario in May. There were a high percentage of new participants at the meeting. The meeting produced strong consensus on the higher protocol layers (e.g., MAC), with PMD support mostly split between a three PMD set and a 5 PMD set. He reviewed the Ottawa presentations (available on our web site).

He also outlined the plan for 802.3ae Task Force meetings this week. Included in this was a description of the plan for voting and recommending action to 802.3. The Task Force will attempt to build a “bucket of motions” for affirmation by the Working Group with areas of contention represented in 802.3 by a representative for each side.

DTE POWER VIA THE MDI (802.3af)

Mr. Steve Carlson presented the status of the Task Force ([Attachment F1](#)). The group met in Ottawa, Ontario in May. This Task Force also had a significant level of new participation (~40%). He reviewed the objectives for the standard, and the requirements accepted for proposals to meet these objectives. These requirements represent the agreements accepted to date by the Task Force.

He also outlined the work plan for 802.3af for this week. The Task Force will work toward a draft, as well as providing a tutorial to 802.

Other Business

Room assignments were made for the Task Forces.

The meeting was adjourned at 1725.

THURSDAY, 13 JULY

ADMINISTRATIVE MATERS

Mr. Geoff Thompson, Chair 802.3, opened the Working Group closing plenary at 0830 and welcomed those attending the meeting. The attendance lists were circulated. A signup list for TIA participation was announced.

MOTION:

Approve the agenda. ([Attachment A10](#))

The agenda was approved without objection.

Mr. Thompson reminded participants that the Friday closing 802 plenary has been eliminated. He also presented a signup list for interest in the TIA PN-4657. He presented the potential voter list, and the following requested to become voters (indicated by * on [Attachment A4](#)): Bhatt, Vipul; Brown, Kevin; Draper, Daniel; Hakimi, Sharam; Jiang, Wenin; Kelley, Patrick; Lehr, Amir; Morre, Paul; Murphy, Denis; Phanse, Abhijit; Rennie, Lawrence; Vergnaud, Gerard; Watanabe, Yuji; Yoshikawa, Takashi.

Mr. Thompson also presented the 802.3 member (voter) list indicating that these individuals plus those potential voters that requested voter status are the only people authorized to vote at the meeting on motions.

Working Group Positions on Executive Matters:

The Executive Committee has cancelled the Friday Plenary

External Liaison Report – SC25/WG3

Alan Flatman described the discussions of the Ad Hoc. The consensus of the ad hoc was to recommend LCTL be specified and ILD follow the approach of TP-PMD. Mr. Cobb disagreed with the recommendations and the process of these informal requests of this kind. Mr. Flatman and Mr. Love both indicated that this kind of guidance was needed and appropriate. Mr. Thompson suggested that if it is contentious it could be delayed until our November meeting since WG3 will not meet before then. Mr. Flatman indicated working groups would be meeting before then and would like to see the information. Mr. DiMinico objected to the informality of the process.

MOTION:

Submit the recommendations of the SC25/WG3 ad hoc to the executive committee for approval. ([Attachment B5](#)).

M: Mr. Flatman

S: Mr. Thompson

Y: 50, N: 5, A: 62, Passed

External Liaison Report – X1T1

Mr. Roy Bynum reported ([Attachment B6](#)) on the X1T1 Ad Hoc on the Sonet/SDH. He indicated that the document submitted would become an international standard. If we have an interest, we need to comment. This will be posted on the web and discussed over the reflector. He pointed out that the Republic of China was considering changes to the Ethernet frame and other things that may concern us.

DTE POWER VIA THE MDI (802.3af)

Mr. Steve Carlson reviewed the progress of the Task Force ([Attachment F2](#)). He reviewed the objectives for the meeting and the presentations to the Task Force. A major item in this was the review of testing by Roger Karam. The group did some straw polling: 14 watts was acceptable; Diode/Cap closely followed by Resistor Detect were the most popular discovery protocol; economic and technical feasibility were demonstrate.

Three motions of the Task Force were presented for affirmation by 802.3: first, an Ottawa motion to power via either set of wire pairs (2-3,3-6 and 4-5, 7-8); second, on the maximum continuous current draw; and third a request for an interim meeting. Mr. Carlson then presented the motions for consideration by 802.3.

MOTION:

Move that 802.3 affirm the three motions included in 802.3af report.

M: Mr. W. Quackenbush

S: Mr. E. Parson

Y: 93, N: 0, A: 27, Passed

The discussion indicated that both power delivery methods were needed. There is no confidence in mid-span power insertion on 100BASE-TX signal pairs, hence the two powering options. The powered device can be designed to accept power over either pair at little cost. There was some extraneous discussion about the voltage consensus from the meeting (not covered in any of the three motions). The motion passed as recorded above at 0940.

STD. P1802.3 CONFORMANCE TEST REVISION

Mr. Law reported status on this project ([Attachment H2](#)). The Working Group Ballot closed without meeting the response threshold. Ballots were converted at the meeting to meet the approval threshold, and the ballot passed. There were technical and technical required comments. Mr. Law reviewed these comments. Mr. Doug Thomson converted his negative ballot to approve with comment.

MOTION:

IEEE 802.3 Working Group accepts the resolution to all comments received in the Working Group ballot of P1802.3Rev Draft 2.0, and authorise the editor to generate Draft 3.0.

IEEE 802.3 requests that the P802 LMSC Executive Committee forwards P1802.3Rev Draft 3.0 for LMSC Sponsor ballot.

IEEE 802.3 authorises the IEEE P1802.3Rev Task Force to conduct meetings and recirculation ballots as necessary to resolve comments received during the Sponsor ballot.

IEEE 802.3 requests approval for formation of Sponsor ballot pool and that the P802 LMSC Executive Committee forward P1802.3Rev to RevCom (by Oct 31) based on successful Sponsor ballot with no new technical disapprove votes.

M: Mr. D. Law

S: Mr. W. Quackenbush

Y: 85, N: 0, A: 14, Passed

The motion passed at 0952. Mr. Law reminded the group of the reflector and web pages for the project.

MAINTENANCE

The committee met on Wednesday and reviewed maintenance flow, the categorization of maintenance requests and the PAR. 20 of 50 requests are ready for ballot, 5 needing clarification, 5 technical review, and 20 to be treated as errata. Two were withdrawn ([Attachment G2](#)).

Mr. Law presented a PAR for P802.3ag Rev (Maintenance Revision #6). The plan is to initiate the Working Group ballot following the meeting, Sponsor Ballot following the November meeting with Standards Board approval in March 2001. He showed the

PAR, reviewed the five criteria for this even though 802 does not require them for maintenance PARs.

MOTION:

IEEE 802.3 approves the PAR and 5 Criteria as submitted for 802.3ag Rev.

IEEE 802.3 requests the IEEE P802 LMSC Executive Committee to submit the 802.3ag Rev PAR to NESCOM.

IEEE 802.3 authorises Maintenance Requests categorised as B (Ready for Ballot) at the Wednesday 12th July Maintenance meeting be forwarded to Working Group Ballot as the P802.3ag Rev ballot package.

IEEE 802.3 authorises the IEEE P802.3ag Rev Task Force to conduct meetings and recirculation ballots as necessary to resolve comments received during the Working Group ballot.

M: Mr. D. Law

S: Mr. W. Quackenbush

Y: 87, N: 0, A: 5, Passed

This motion will probably leave five comments for the next maintenance, since the comments requiring technical review are likely to be handled as errata. The motion passed at 1010.

MOTION:

IEEE 802.3 affirms the classification of this [1050] Revision Request [1050] as a Errata and charters the Maintenance Chair and 802.3 Chair to progress this to resolution.

M: Mr. D. Law

S: Mr. D. Quackenbush

Y: 76, N: 0, A: 13

This errata item was again described. It was felt appropriate to present it to the Working Group for affirmation. Mr. Thompson requested any experts that would have any concern about this to speak up. No one indicated any concerns about the syntax change, and the motion passed as recorded above.

10 GIGABIT ETHERNET (802.3ae)

Mr. Jonathan Thatcher introduced the review of the progress of the Task Force ([Attachment E2](#)). The meetings were described as an exciting two days. While there are two tracks, Task Force business was covered in series to allow all Task Force participants to participate in the important discussions targeted for the meeting. Mr. Ben Brown reviewed ([Attachment E3](#)) the progress of the logic track of 802.3ae, with a review of the presentations and motions of the group. Mr. Walt Thirion reviewed ([Attachment E4](#)) the work of the PMD track of 802.3ae, with a review of the presentations and motions of the group. The motions of the Task Force left two of the distance objectives unfulfilled, leaving additional work for the Task Force to build consensus.

Mr. Jonathan Thatcher described that the group attempted to build a “bucket of motions” including the motions with little or no controversy. This group of Task Force decisions was presented to 802.3 for consideration.

MOTION:

802.3ae requests 802.3 to affirm the following list of motions passed during this week’s 802.3ae meetings (see next page for list; and handout for details):

Logic Track #s: 2, 3, 4, 5 6, 7, 8 10, 11, 12

PMD Track #s: 16, 18.

M: Mr. Thatcher

Divided as shown below.

MOTION:

Divide the bucket into two buckets:

1. Logic Track #s: 2, 3, 4, 5 6, 7, 8 10, 11, 12

2. PMD Track #s: 16, 18

M: Mr. S. Swanson

S: Mr. T. Dineen

Y: 93, N: 36, A: 11

Comments both in favor and against centered on the dynamics of the meeting. All motions in the bucket were approved by overwhelming majorities, but the result from the PMD track was unsatisfying to many. The motion to divide passed as recorded. It was later pointed out that we erred in that the motion to divide is not debatable.

MOTION:

802.3 affirms the following list of motions passed during this week’s 802.3ae meetings (see next page for list; and handout for details):

Logic Track #s: 2, 3, 4, 5 6, 7, 8 10, 11, 12

M: Mr. J. Thatcher

S: Mr. S. Haddock

Y: 136, N: 0, A: 6

The motion passed without discussion at 1123.

MOTION:

802.3 affirms the following list of motions passed during this week’s 802.3ae meetings (see next page for list; and handout for details):

PMD Track #s: 16, 18.

M: Mr. J. Thatcher

S: Mr. S. Haddock

Y: 104, N: 4, A: 34

Discussion ensued on this motion. The discussion centered on whether the working group should accept a partial set of PMDs (that don't fulfill all the objectives). Support for the motion was centered on the overwhelming support on each motion. In discussion it was pointed out that if these motions are not affirmed, when returned to the Task Force would require a motion to reconsider to again discuss. Questions were also asked about the status of D1.0 if the motion does not pass, and it was indicated that the PMDs accepted by the Task Force would be included in the draft independent of approval of the motion. Passage of this motion would lock down some portions that have acceptance, and they should not be held hostage to those areas where there is not consensus.

The question was called, and the motion passed as recorded above at 1150.

MOTION:

The 802.3 WG appoints Rich Taborek as the 10 GFC liaison to coordinate 850nm PMD standards activities. And request approval from 802 Exec.

M: Mr. J. Thatcher

S: Mr. S. Haddock

MOTION:

Motion to amend to remove 850 nm.

M: Mr. T. Cobb

S: Mr. H. Frazier

Approved by voice vote.

MOTION AS AMMENDED:

The 802.3 WG appoints Rich Taborek as the 10 GFC liaison to coordinate PMD standards activities. And request approval from 802 Exec.

M: Mr. J. Thatcher

S: Mr. S. Haddock

Approved by voice vote without objection at 1157.

MOTION:

Move that the P802.3 Working Group adopt the model structure and equations of version 2.3.4 as found in the spreadsheet http://www.ieee802.org/3/10G_study/public/email_attach/3pmd046.xls, but note that the MPN calculation is believed to be pessimistic and is under active review, and that the effect of transmitter chirp is not well covered.

Upon discussion, the motion was withdrawn as something that should be done in the Task Force at its September meeting.

Mr. Thatcher reviewed the status of the Task Force and that two distance objectives have not been met with the adopted PMDs. Mr. DiMinico indicated that he did not believe we met our objective to define a LAN PHY without a multimode fiber solution. A number of participants disagreed with him that the adopted PMDs could be used in the

LAN environment, and though a better LAN PHY solution would exist with a MMF solution. Mr. Thatcher then concluded his task force report.

Mr. Thirion displayed the objectives to discuss how the Task Force might go forward. He displayed possible changes to the two multimode objectives that would change them to read:

- Support installed (legacy) 50 and 2.5 micron MMF to 300 meters
- Support a short wavelength PMD over new high bandwidth MMF to 300 meters for new installs and interconnects.

Comments against the above proposal were that it was a distraction from the fundamental task of the group. Others felt it was worthwhile to clarify nuances of support and opposition to PMD proposals. Some felt the proposed revision would better reflect the desire to provide choices. It was noted that when the objectives were adopted, it was generally realized that we needed to learn more to see if 300m of installed fiber could be supported with the same solution, and that some participants wanted to incorporate the benefits of high bandwidth MMF in the standard. Multiple comments were made that this discussion should be returned to the Task Force.

Mr. Worster made a motion to adjourn seconded by Mr. Dineen. A motion to determine the time of adjourning to 1:00 defeated by voice. The motion to adjourn was defeated by voice.

Discussion resumed on the proposal. The desire of those proposing was to get a feeling through a straw poll of the larger group.

STRAW POLL

Change the objectives to something like the above proposal.

Y: 29, N: 57 by 802.3 voters

Y: 46, N: 70

MOTION:

Move to accept the kind offer of Enterasys for 12-14 September 2000 interim meeting in Boston, and authorize 802.3ae and an ITU ad hoc at that time.

M: Mr. W. Quackenbush

S: Mr. B. Brown

By voice without opposition.

Meeting information (hotel, direction) will be tied down by end-of-business 21July. Meeting dates are Tuesday 12 July through Thursday 14 July. The meeting plan is sufficient for 100 802.3af attendees and 250 802.3ae attendees.

Mr. Frazier requested a straw poll on the desire to go to Albuquerque in November 2003 as on the 802 meeting schedule. He did not know if a change could be made but results will be presented to the Exec.

Y: 14, N: 37, A:21

Mr. Thatcher requested that a interim meeting be approved for the Sunday prior to the November plenary if necessary per progress at the September interim.

STRAW POLL

Willing to meet on Sunday.

Y: 61, N: 9

Mr. Thompson and Mr. Grow reviewed the conflicts between an ISTO sponsored Broadband Wireless Internet Forum (BWIF) consortium and 802.16. Press releases from the consortium describe the output of their work as an IEEE standard. Concern was expressed that the linkage of IEEE, the IEEE Standards Association the terms IEEE Standard to specifications that have not had the broad and open review of traditional IEEE standards dilutes the value of our work and will lead to confusion in the marketplace.

MOTION:

[The secretary lost the slide with the exact language of the motion. The motion supported the position of 802.16 in this matter, objecting to the use of the IEEE logo for consortia specifications and objecting to calling these documents standards.]

M: Mr. R. Grow

S: Mr. D. Law

Y: 63, N: 0, A: 13

Discussion followed with most comments reinforcing the concern of 802.3 participant have in IEEE-SA confusing the industry with the use of standard for both an accredited process as is used for 802 standards an a non-accredited process.

MOTION:

Support the principle of using LMSC funds to make IEEE 802 standards freely available, in electronic form, using a combination of corporate sponsorship and LMSC contribution derived from meeting attendance fees.

M: Mr. H. Frazier

S: Mr. D. Law

Y: 73, N: 3, A: 3

The intent is that the documents would be electronic and access unincumbered (easy). The question was raised if this would change meeting fees. Mr. Grow responded as 802 Treasurer that the current plan would be supported by the redirection of our IPF contribution.

Mr. Thompson thanked the working group for their efforts this week.

Mr. W. Quackenbush moved and Mr. K. Herity moved to adjourn and without objection (and significant support of people “voting with their feet”), the meeting was adjourned at 1433.

Future Meetings

Interim meetings will be held in Boston, MA. Detailed meeting information will be posted on the 802.3 web site.

10 Gigabit Ethernet (802.3ae)	Boston, MA	12-14 Sep 2000
DTE Power via the MDI (802.3af)	Boston, MA	12-14 Sep 2000
802.3 Working Group Plenary	Tampa, FL	6-10 Nov 2000
	Hilton Head, SC	12-16 Mar 2001
	Portland, OR	9-14 July 2001

Respectfully submitted 14 July 2000

Robert Grow

IEEE 802.3 Secretary

bob.grow@intel.com

ATTACHMENTS:

- A1 [Monday 802.3 Agenda](#)
- A2 [802.3 Voting Member List](#)
- A3 [802.3 Voters in Peril](#)
- A4 [802.3 Potential Voter List](#)
- A5 [July 2000 Attendance List](#)
- A6 [802.3 Standards Status](#)
- A7 [8802.3 Clause Change Matrix](#)
- A8 [Call for patents and example response letter](#)
- A9 [802.3 Rules Status \(Law\)](#)
- A10 [Thursday 802.3 Agenda](#)

- B1 [TR42 \(DiMinico\)](#)
- B2 [SC25/WG3 \(Flatman\)](#)
- B3 [Liaison letter on DTE Power](#)
- B4 [Liaison letter on PN-4657](#)
- B5 [Liaison letter to SC25/WG3](#)
- B6 [EOS ad hoc report \(Bynum\)](#)
- B7 [ITU TD3203 Ethernet Over LAPS](#)
- B8 [ITU TD3204 Ethernet Over LAPS](#)

- C [No working group actions on PARs from other groups](#)

- E1 [Monday HSSG report \(Thatcher\)](#)
- E2 [Thursday HSSG report \(Thatcher\)](#)

- E3 Monday 802.3ae Logic Track (Brown)
- E2 Thursday 802.3ae PMD Track (Thirion)
- F1 Monday DTE Power via MDI report (Carlson)
- F2 Thursday DTE Power via MDI report (Carlson)
- G1 Monday Maintenance Report (Law)
- G2 Thursday 802.3ag Maintenance #6 Report (Law)
- H1 Monday 1802.3 Revision Report (Law)
- H2 Thursday 1802.3 Revision Report (Law)