

IEEE 802.17 (plenary) meeting minutes

San Francisco

July 21-24,2003

Notes

- The official 802.17 WG website is at <http://grouper.ieee.org/groups/802/17>
- The agenda for the meeting is posted on the web at <http://www.ieee802.org/17/documents/presentations/jul2003>
- All the presentation materials for the meeting are located at the following URL <http://www.ieee802.org/17/documents/presentations/jul2003/index.htm>
- The format for this plenary was slightly modified from the previous to give more time to the CRG to resolve comments. Please see the agenda for more details.
- Robert's rules apply
- Chicago voting rules
- Some acronyms used
 - CRG
 - WG

Meeting minutes 07/21/2003

1:00 PM – Introduction & Welcome (Mike Takefman)

http://grouper.ieee.org/groups/802/17/documents/presentations/jul2003/mlt_admin_01.pdf

1:12 PM – RPR WG introduction (Mike Takefman)

- Username and password for the WG put up
- Attempting to cross link all the member WG areas
- Process
- RPR membership rules
 - 2 out of 4 plenary sessions
 - voting rights starts at a plenary meeting
 - keep the book moving
- Robert's rules
- Plenary meeting, no quorum required
- 76 voting members, 11 eligible, 5 lost membership
- Patent policy
 - Inform chair of any patents relevant to RPR
 - See section 6 of the IEEE 802 patent policy
- RPR compliance
- 802.17 schedule
 - July 2003, CRG 2.3, authorize 2.4

- Aug 2003 CRG 2.4
- Goals for this meeting
 - ½ day of presentation
 - 1 day of CRG
 - Mid week plenary
 - ¾ days of comment resolution
 - Motion madness
 - Authorize to create D2.4 and start WG ballot
- Rules for the meeting
- Future meetins
 - November 9-14, 2003, Albuquerque
 - Proposed interims
 - Aug 26-28, 2003, San Jose, Cisco office
 - Sep 23-25, 2003, Las Vegas
- Computer settings
 - <http://10.0.1.17>
 - <ftp://10.0.1.17>
 - SSID IEEE
 - WEP OFF
- Financials
 - 802.11 and 15 have been operating with a treasury but without following all IEEE financial rules. We are also effectively operating with a treasury.
 - IEEE802 EC is requiring that all WGs comply with said rules and is putting procedures into place on reporting etc.R
 - We did not have treasurer might need one
 - RPR will go thru IEEE audit as our operating revenue was just above \$100K
 - We were almost following the rules correctly, but due to an oversight by FacetoFace, the chair and the IEEE 802 treasurer, the tax treatment of the reserve was not handled correctly.

1:44 PM – Motion 2003-07-21-1, M: Bob Love, S: Martin Green, approval of agenda, by consent

1:45 PM – Follow on development of RPR (Bob Love)

- Present PAR has passed with > 75%
- Excellence, new capabilities
- Press and industry interest
- Trunking
- Different PHY layers
- Mixed speeds on the ring
- Enhanced bridging
- Other enhancements
- Comments from members
 - Raj: Can we get guidelines on how much expansion we can get from 802.17?
 - George Suwala: Need coordination with IETF

- Raj: The new PAR should not jeopardize the 802.17
- George Young: Connection less re-use of bandwidth, carrier class, OAM
- PAR group will meet on Tuesday evening (july 22)

The presentation is available at

http://grouper.ieee.org/groups/802/17/documents/presentations/jul2003/RDL_RPR-Follow-on_01.PDF

2:06 PM – Voting rights (Mike Takefman)

- Linda Dunbar
- Chris Garner
- Paritosh Kulkarni - Y
- Samir Abzakh - Y
- Tim Barry
- Lai-Chin Lo
- Hesham El Bakoury
- Yan Robichaud
- Akemi Sawada
- Gurumani Senthil
- Ti-Shiang Wang

2:12 PM – Fairness Ad-hoc (David James)

- Class A0 is broken in D2.3 (downstream shaper must also include STQ)
- Class A1 bandwidth support
 - Supportable levels are N and feedback required
- Class B bandwidth support
 - Similar to A1
 - Single queue : 80-90% of the link bandwidth
 - Dual queue : 100% of the link bandwidth

2:24 PM – The similar RPR simulator in Java (Fredrik Davik on behalf of Stein Gjessing)

- Freely downloadable software
- <http://software.simula.no>
 - go to folder /nd/rpr

The presentation is available at

http://grouper.ieee.org/groups/802/17/documents/presentations/jul2003/fd_jsim_01.pdf

2:34 PM – Break for 20 mins

3:04 PM – Short report by Christine Santos (Balloting Manager – IEEE SA)

- Name should be on the ballot pool list to receive ballot invitation

3:10 PM – Secondary address support (Peter Jones)

- Optional behavior
- New ATD attribute advertised
- 32 secondary per ring
- Support one or two secondary addresses per station
- Recommends changes to D2.3 based on comment number 505 and supporting document

The presentation is available at

http://grouper.ieee.org/groups/802/17/documents/presentations/jul2003/pj_sec_addr_02.pdf

3:17 PM – Spatial aware bandwidth allocations (David James)

- Class A and Class B spatial reuse not available
- Comments
 - John Lemon: Put it in 802.17b, useful but time constraints

3:23 PM – Fairness round trip time (Mike Takefman)

- Frequency and broadcast nature of FRTT causes high SW load
- FRTT_RESP frame: Class A dealy from every station to every other station
- FRTT_RESP2 frame : sent twice, once as class A and once as class C
- A new frame is sent every 100ms
- Low overhead, low cost
- There is a comment associated with this : 487

The presentation is available at

http://grouper.ieee.org/groups/802/17/documents/presentations/jul2003/mlt_frtt_01.pdf

3:36 PM – IEEE and 802 brand identification (Karen McCabe, sr. marketing manager, IEEE)

- Use IEEE in communications
- Use standards numeric designations
- Draft standards should be prefixed by “p”
- PR program to assist standards groups
- Press releases, business wire and other news wire services
- Generating and maintaining WG collateral
- 802-e-News bulletin (<http://standards.ieee.org/802news>)
- Comments
 - Raj: How is 802 (LAN centric) going to address carrier centric standards like ITU which push carrier standards?
 - DAVID JAMES: ??

The presentation is available at

<http://grouper.ieee.org/groups/802/17/documents/presentations/jul2003/brandmgmt.pdf>

3:57 PM – P802.17/D2.3 Draft and Ballot status (Tom Alexander)

- Return ratio improving
- 73 valid ballots out of 81 voting members
- 50 approvals, 16 disapprovals, 4 absentions

- BALLOT PASSES
- 791 valid comments, 268 technical, 162 technical binding, 34 commentors
- MAC section gets the most number of comments
- John Lemon and DAVID JAMES done a commendable job as section editors
- Goals
 - Generate D2.4
 - Authorize D2.4 thru WG recirculation ballot – 15 days
- Approved voters need not have to re-approve the draft
- Approved voters can however send disapprove vote
- Plan for the week
 - Editors meeting from 5pm-630pm (pacific)
 - CRG tomorrow
 - Midweek plenary
- Track 1: MAC : 173 technical comments will have its own track

4:31 PM – Chair’s comments

- Draft text ready for bridging for 802.17a (according to Marc Holness and Bob Castalleno)
- Recess

The rest of the evening several meetings and ad-hocs met to resolve issues. The editors team also met for one and half hours.

Meeting minutes 07/22/2003

No WG meeting today. The group broke off into several track to resolve comments.

This track assignments for the various sections is located here

http://grouper.ieee.org/groups/802/17/documents/presentations/jul2003/ta_tracks_01.pdf

and the room assignments are located here

http://grouper.ieee.org/groups/802/17/documents/presentations/jul2003/ta_room_assignment_s_01.pdf

The output of those subgroups is recorded in the comment resolution database , located in the members' only area of the website at

http://www.ieee802.org/17/member/draftballots/d2_3/index.htm.

Meeting minutes 07/23/2003

The working group reconvenes for a mid-week WG plenary.

8:16 AM – Working group reconvenes

- Modification of agenda to extend the mid-week WG plenary
- The WG plans to end by mid-day Thursday

8:20 AM – Motion 2003-07-23-2, M: Mike Takefiman, S: Tom Alexandar, approval of agenda, by consent

8:25AM – Chief editors report

8:30 AM – Clause 1 editor's report (DAVID JAMES)

- 17 technical comments

8:48 AM – Clause 9 editor's report (John Lemon)

- Comment 299
 - WG1: Y: 10, N: 17, A: 3, fails

9:42 AM – PHY section editor's report (Harry Peng)

10 :10 AM – Fairness section editor's report (Bob Sultan)

- Comment 395
 - WG1: Y: 23, N: 1, A: 5, accept-modified
 - WG2: Y: 2, N: 15, A: 11, fails
- Comment 466
 - WG1 : Y:2, N: 19, A: 8, fails
 - WG2: Y: , N: , A: ,
- Comment 398
 - WG1: Y: 1, N: 18, A: 11 , fails
- Comment 404, rejected
- Comment 405
 - WG1: Y: 2, N: 14, A: 19, fails
 - WG2: accept-modify by consent
- Comment 406
- Comment 495
- Comment 496

Meeting minutes 07/24/2003

8:00 AM – Seating

8:21 AM – Agenda bashing (Mike Takefman)

8:23 AM – Motion 2003-07-24-3, M: John Hawkins, S: Peter Jones, approval of agenda, by consent

8:24 AM – Approval of minutes for March 2003 and May 2003

Motion 2003-07-24-4, M: John Hawkins, S: Bob Love, approval of meeting minutes by removing references to EFM's username and password, approved by consent

8:27 AM – Chief Editor's closing report (Tom Alexander)

The presentation is available at

http://grouper.ieee.org/groups/802/17/documents/presentations/jul2003/802-17-ta_closing_rpt_02.ppt

- Recirc1 : draft on 8/10, meeting: 8/27-8/29

- Recirc2 : draft on 9/6, meeting: 9/7-9/22
- Recirc3 : draft on 10/5, meeting: 10/22-10/23
- Recirc4 : draft on 10/27, meeting: 11/10-11/13
- A negative vote is not required to have comments, even though it would be good to submit comments and reasons for the negative vote, as per IEEE rules

8:45 AM – Clause 0,2,3 and 4 comments (Tom Alexander)

- Comment 111
 - WG1: Y: 23, N: 2, A:8, passes
 - WG2: Y: 6, N: 1, A:18, passes
 - Run off between WG1 and WG2
 - WG1 : 20
 - WG2: 10
 - WG1 is accept-modify
- Comment 121
 - WG1: Y: , N: , A: , accept by consent
- Comment 12
 - WG1 : Rejected by consent
- Comment 705
 - Withdrawn

9:35 AM

Motion 2003-07-24-5, M: Tom Alexander, S: Peter Jones, editorial motion for clause 0,2,3,4, approved unanimously

9:36 AM – Clause 1 (David James)

- Comment 35
 - WG1 : Y: , N: , A: , rejected by consensus
 - WG2: Y: , N: , A: , rejected by consensus

9:50 AM

Motion 2003-07-24-6, M: David James, S: Tom Alexander, editorial motion for clause 1 and annex A, approved unanimously

9:52 AM – Bridging (Annex E) (Bob Castellano)

- Comment 1001
 - WG1: Y: , N: , A: , approved by consent

9:59 AM

Motion 2003-07-24-7, M: Bob Castellano, S: Marc Holness, editorial motion for annex E, approved unanimously

10:00 AM – break

10:20 AM – PHY section (Harry Peng)

10:22 AM

Motion 2003-07-24-8, M: Harry Peng, S: John Hawkins, editorial motion for PHY section, approved unanimously

10:25 AM – Topology section (Jason Fan)

- Comment ??
 - WG1: Y: 17, N: 3, A: 13, passes
- Comment 607
 - WG1: Y: 22, N: 11, A: 3, fails
 - WG2: Y: 9, N: 20, A: 3, fails
 - This comment and the text relating to it will be discussed outside the working group
- Comment 615
 - WG1: Y: 1, N: 16, A: 12, fails
 - WG2: Y: 24, N: 1, A: 5, accept-modify
- Comment 597
 - Withdrawn
- Comment 527
 - Withdrawn
- Comment 524
 - WG1 : accept-modify by consent

11:22 AM

Motion 2003-07-24-9, M: Jason Fan, S: Jim Kao, editorial motion for topology section, approved unanimously

11: 24 AM – OAM section (Glenn Parsons)

- Comment 695
 - WG1: Rejected by consensus
 - Glenn will check with IETF to get more information about multicast packet counters

11:58 AM

Motion 2003-07-24-10, M: Tom Alexander, S: Peter Jones, Request OAM editors to add a table to map relevant RPR variable names to their MIB attribute values, approved unanimously

12:04 PM

Motion 2003-07-24-11, M: Glenn Parsons, S: Gal Mar, send RPR MIB to IETF for comment and review, approved unanimously

12:05 PM

Motion 2003-07-24-12, M: Glenn Parsons, S: Leon Bruckman, editorial motion for OAM section, approved unanimously

12:07 PM – Lunch break

1:15 PM - Reconvenes

1:16 PM – Fairness section (Bob Sultan)

- 44 Technical comments
- 2 punted to WG

1:57PM

Motion 2003-07-24-13, M: Bob Sultan, S: Necdet Uzun, editorial motion for Fairness section, approved unanimously

2:00 PM – Section 2 MAC (John Lemon)

- Comment 182
 - WG1: Y: 22, N: 2, A: 9, passes
 - WG2: Y:26, N: 0,A: 8, passes
 - Chicago rules (runoff)
 - WG1: 26
 - WG2: 10
 - WG1 is accept-modified
- Comment 350
 - WG1: Accept-modified by consent

2:34 PM - break

2:46 PM – Reconvenes with Section 2 MAC

- Comment 201
 - WG1: rejected by consent
- Comment 202
 - WG1: rejected by consent
- Comment 313
 - WG1: rejected by consent
- Comment 316
 - WG1: rejected by consent
- Comment 329
 - WG2 : accept-modify by consent
- Comment 345
 - WG1 : accept-modify by consent

3:26 PM

Motion 2003-07-24-14, M: John Lemon, S: Steve Wood, editorial motion for MAC section, approved unanimously

3:32 PM – X.msr Liasons

- Letter from RPR WG to ITU for cooperation with X.msr and informing the status of draft standard (passed WG ballot)

3:38 PM

Motion 2003-07-24-15, M: Glenn Parsons, S: Mike Takefman, send document to ITU-T SG-15 about status of RPR draft standard ..., approved unanimously

3:40 PM

Motion 2003-07-24-16, M: Mike Takefman, S: Leon Bruckman, Grant editorial license to OAM editors to update the MIB to attempt to maintain technical consistency with other clauses in D2.4. Individual section editors ..., approved unanimously

3:43 PM

Motion 2003-07-24-17, M: Tom Alexander, S: David James, Move to change the format for OAM_ECHO_REQ, OAM_FLUSH_REQ, OAM_ORG_REQ, OAM_ECHO_IND, OAM_FLUSH_IND and OAM_ORG_IND service primitives,
First voting - Y: 12, N: 5, A
Second voting (called by Raj Sharma) – Y: 21, N: 3, A: 11, passes on recount

3:50 PM

Motion 2003-07-24-18, M: Tom Alexander, S: John Lemon, Move to authorize the chief editor and the editorial team to create P802.17/D2.4, approved unanimously

3:51 PM

Motion 2003-07-24-19, M: Mike Takefman, S: Bob Love, Move to hold an interim session of 802.17 from aug 27th-29th 2003 at Cisco Systems, San Jose, CA campus and to preauthorize the WG to make decisions to advance the draft, approved unanimously

4:00 PM

Motion 2003-07-24-19, M: Mike Takefman, S: Bob Love, Move to hold an interim session of 802.17 from aug 26th-28th 2003 at Cisco Systems, San Jose, CA campus and to preauthorize the WG to make decisions to advance the draft, approved unanimously

4:08 PM

Motion 2003-07-24-20, M: Mike Takefman, S: Bob Love, Authorize the chair to purchase refreshments at the august 2003 Interim session and to be reimbursed using the reserve funds held by FaceToFace communications, approved unanimously

4:14 PM

Motion 2003-07-24-21, M: Mike Takefman, S: Bob Love, Move to hold an interim session of 802.17 from sep 23rd-25th 2003 in Las Vegas, Nevada and to preauthorize the WG to make decisions to advance the draft, session cost / amenities to be in line with typical interim sessions, approved unanimously

4:19 PM

Motion 2003-07-24-22, M: Mike Takefman, S: Bob Love, Move to hold an interim session of 802.17 during the month of October to preauthorize the WG to make decisions to advance the draft, session location and cost to be decided. Approved unanimously

4:20 PM

Motion 2003-07-24-23, M: Mike Takefman, S: Bob Love, Authorize the chair to purchase refreshments at the october 2003 Interim session and to be reimbursed using the reserve funds help by FaceToFace communications, approved unanimously

4:22 PM – PAR for follow-on work (Bob Love)

- Follow on work for 802.17
- Mike Takefman: First have a tutorial, write a PAR

4:33 PM - Kshitij Kumar presents proposals for 802.17b

- Variable PHY PAR
 - Proposal 1: different speeds for different spans (different speeds but same PHY)
 - Proposal 2: different PHYs on different spans
 - Proposal 3: different PHYs and different speeds on different spans
 - Comments:
 - Mike Takefman: SONET rings have same speed spans
 - Leon Bruckman: BLSR would not work with different speeds on SONET
 - George Suwala : It is possible and called virtual SONET rings (??)
 - Straw vote one vote per company
 - Straw vote for interest in PAR for proposal 1 and proposal 2, interested: 7
 - Straw vote for interest in PAR for proposal 3: none
- Enhanced bridging PAR
 - Spatial reuse for bridging applications
 - Synergy with other media (EPON)
 - Comments:
 - David James: Primary benefit is spatial re-use?
 - Raj Sharma: How does EPON benefit?
 - Mike Takefman: Doubts about where the study group would end up being (maybe in 802.1D)!
 - Raj Sharma: What is the link with 802.3ad?
 - Peter Jones: It is a mistake, it should be 802.1ad
 - Straw vote for interest in PAR for proposal : 7

4:48 PM – Enhanced OAM proposals for 802.17b (Leno Bruckman)

- Performance monitoring
- Maintenance
- Fault monitoring
- Straw vote for interest in PAR for proposal: 9

4:54 PM – Spatial aware bandwidth extensions for 802.17b PAR (David James)

- Class A and class B spatial bandwidth
- Very relevant to multi-speed ringlets
- Straw vote for interest in PAR for proposal: 8

4:59 PM – Alternate fairness algorithm proposal for 802.17b PAR (Li Mo)

- Straw vote for interest in PAR for proposal: 6

5:02 PM – Motion to adjourn by John Lemon

Motion 2003-07-24-24, M: John Lemon, S: Vinay Bannai, Motion to adjourn, Y: 24, N: 3,
A: , approves