IEEE 802.3 Working Group
Opening Plenary
14 March 2005

Robert M. Grow
Chair, IEEE 802.3 Working Group
bob.grow@ieee.org
Introductions & Agenda

- 802.3 Web Site – www.ieee802.org/3
- Officers
  - 802.3 Chair: Bob Grow (bob.grow@ieee.org)
  - 802.3 Vice Chair: David Law (david_law@3com.com)
  - 802.3 Exec. Secretary: Steve Carlson (scarlson@esta.org)
  - 802.3 Secretary: Wael William Diab (wdiab@cisco.com)
  - P802.3REVam: David Law (david_law@3com.com)
  - P802.3an 10GBASE-T: Brad Booth (bradley.booth@intel.com)
  - P802.3ap Backplane Ethernet: Adam Healey (ahealey@agere.com)
  - P802.3aq 10GMMF: David Cunningham (david_cunningham@agilent.com)
  - P802.3ar Congestion Mgt: Kevin Daines (kevin.daines@wwp.com)
  - P802.3as Frame Expansion SG: Kevin Daines (kevin.daines@wwp.com)
  - Residential Ethernet SG: Steve Carlson (scarlson@esta.org)
  - PoE Plus SG: Mike McCormack (mike_mccormack@ti.com)
- Attendee introductions
- Approve agenda
Published Standards

• IEEE Std 802.3-2002 (8 Mar 2002)*
• IEEE Std 802.3ae-2002 (30 Aug 2002)*
• IEEE Std 802.3af-2003 (18 Jun 2003)*
• IEEE Std 802.3aj-2003 (26 Sep 2003)*
• IEEE Std 802.3ak-2004 (1 Mar 2004)*
• IEEE Std 802.3ah-2004 (7 Sep 2004)*

• IEEE Std 1802.3Rev-2001*

* Available through Get IEEE 802
  http://standards.ieee.org/getieee802/802.3.html
Reflectors and WG information

• IEEE 802.3 Working Group announcements
  – stds-802-3@listserv.ieee.org
• IEEE 802 plenary meeting announcements
  – Stds-802-all@listserv.ieee.org
• IEEE 802.3 TF/SG reflectors are for appropriate project related discussion
• Reflector subscription
  – http://listserv.ieee.org/cgi-bin/wa
• Web site
  – www.ieee802.org/3
  – Access information to private areas is announced by Vice Chair, TF/SG Chairs
WG Decorum

Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (2005 Op Manual 5.3.19)
Photography or recording by permission only (5.3.18)
Cell phone ringers off
Documents posted for WG Consideration

- P802.3REVam/D2.1 ballot package
  - 1st Recirculation closes Wednesday
- P802.3an/D1.4
  - Preview for authorization of WG ballot
- P802.3aq/D1.1
  - Preview for authorization of WG ballot
- P802.3at Residential Ethernet PAR & Criteria
- Posted Interpretations and Maintenance requests
- 802.3 minutes
  - Approval of November minutes
802.3 Finances

• Checking account opened
• Signatories to be added as required by IEEE financial policies
• Available to host/co-host interim meetings
• Loan will be secured from LMSC treasury if necessary to facilitate meetings
• Need equipment box prior to May
Attendance

- Membership requirements (acquiring or retaining 802.3 voter status)
  - 75% attendance at 2 of last 4 plenary meetings (an interim may be substituted for one plenary)
  - Request to become member during 802.3 potential voter agenda item
  - Maintain valid contact information (stds-802-3 reflector)
  - Participate in 2 of last 3 WG ballots

- Attendance books
  - Sign in each day, only for that day, only for yourself, and not for any other Working Group (no parallel sign-ins)
  - Two books
    - Members and observers (i.e., signed in during last year)
    - New attendees & update contact information

- Review membership lists – potential voters
Abaye, Ali
Abbott, John
Abler, Joe
AbuGhazaleh, Shadi
Adriaenssens, Luc
*Alderrou, Don
Alping, Arne
Altman, Michael
Amer, Khaled
Amin, Nitish
Anderson, Stephen D.
Armijo, Bert
Babanezhad, Joseph N
Barazande-Pour, Majid
Barrass, Hugh

*Baumer, Howard
Beaudoin, Denis
Beck, Michaël
*Beili, Edward
Beliaev, Alexei
*Below, Randy J.
Bennett, Mike
Bhoja, Sudeep
Bohbot, Michel
Booth, Brad
Boucino, Thomas J.
Bradshaw, Peter
Braga, Al
Brand, Richard
Brink, Robert D.

Brown, Benjamin
Brown, Kevin
Brunn, Brian
Busse, Robert
Cain, Jeff
Carlson, Steve
Cates, Ron
Chang, Luke
Chen, Xiaopeng
Cheong, Kok-Wui
Chopra, Rahul
*Chou, Joseph
Claseman, George
Cobb, Terry
Cohen, Larry
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### 802.3 Members (voters) p.3

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## 802.3 Members (voters) p.4

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Wadekar, Manoj
Warren, Jeff
Weiner, Nick
Witt, Kevin
Woodruff, Bill
Yagil, Ariel
Yoon, Chong Ho
Yu, Hong
Zimmerman, George
Zona, Bob

*in peril of losing membership*
## Potential Members (voters) p.1

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Potential Members (voters) p.3

- Requested to become member (Monday)
- Requested to become member (Thursday)
Interim TF & SG meetings held

- Sacramento, CA, USA, 11-12 Jan 2005
  - P802.3ar Congestion Management
  - P802.3as Frame Expansion
- Vancouver, BC, Canada 24-29 Jan 2005
  - REVam, revision of IEEE Std 802.3
  - P802.3an, 10GBASE-T
  - P802.3ap, Backplane Ethernet
  - P802.3aq, 10GBASE-LRM
  - Residential Ethernet SG
  - Power over Ethernet Plus SG
- Santa Clara, CA, USA 23-24 Feb 2005
  - P802.3an, 10GBASE-T
803.3 ballots since November

• Sponsor Ballots:
  – P802.3REVam/D2.0
  – P802.3REVam/D2.1

• Working Group Ballots:
  – none
6. Patents
IEEE standards may include the known use of essential patents and patent applications provided the IEEE receives assurance from the patent holder or applicant with respect to patents whose infringement is, or in the case of patent applications, potential future infringement the applicant asserts will be, unavoidable in a compliant implementation of either mandatory or optional portions of the standard [essential patents]. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent or patent application becomes known after initial approval of the standard). This assurance shall be a letter that is in the form of either:

a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement either mandatory or optional potions of the proposed IEEE standard against any person or entity complying with the standard; or

b) A statement that a license for such implementation will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination.

This assurance shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.
Inappropriate Topics for IEEE WG Meetings

- Don’t discuss licensing terms or conditions
- Don’t discuss product pricing, territorial restrictions or market share
- Don’t discuss ongoing litigation or threatened litigation
- Don’t be silent if inappropriate topics are discussed… do formally object.

If you have questions:
contact the IEEE Standards Board Patent Committee Administrator at patcom@ieee.org or visit http://standards.ieee.org/board/pat/index.html

This slide set is available at http://standards.ieee.org/board/pat/pat-slideset.ppt
Standards Board (p. 1)

- No IEEE 802 standards on administrative withdrawal
- ProCom
  - Voting rules changes to be proposed
    - What counts in the approval %
    - Votes versus straw polls
  - RAC to be added to mandatory coordination list
  - Standards Companion to be updated for comment resolution procedures
  - Replace “non-individual person” with “entity” (other changes for entities)
  - Copyright permissions to be required prior to ballot invitation
Standards Board (p. 2)

- PatCom
  - Letter of Assurance form revised for 2005
  - PatCom intent that LOA form to become mandatory in 2006 (no free form letters)
  - Reciprocity and patent search language to be improved
  - Appropriate discussion of patent information conveyed post meeting to IEEE 802
Standards Board (p. 3)

- RevCom
  - No 802 projects

- NesCom
  - All 802 projects approved
  - P802.3ar Congestion Management
  - P802.3as Frame Expansion
  - New 2005 PAR form available
Standards Board (p. 4)

• Standards Board
  – All new 802 projects approved
  – Bylaw changes
  – Operations Manual changes approved by Board of Directors
    • Incorporated into 2005 IEEE-SA Standards Board Operations Manual
  – MyBallot now mandatory

• http://standards.ieee.org/board
LMSC Reports

- IEEE-SA Standards Board meetings co-located (Friday through Sunday)
- 802 Architecture meeting (Thaler)
- *Introduction to SA P&P* – volunteers requested for test/evaluation of elearning course
LMSC EC Report p.1

- Get IEEE 802 on track, will be reviewed in July
- Little progress on non North America plenary, local facilitation may help
- ISO/IEC JTC1/SC6 8802 fast track ballot suspended (802.11i)
• Proposed P&P changes
  – Rules changes process
  – EC membership, member emeritus and teleconference voting to be separately balloted
  – EC voting
  – WG voting (e.g., interim quorum requirements, teleconference)
LMSC Chair’s Meetings

- **Tues**
  - 1:00 IEEE/ITU-R discussion
  - 2:00 China Liaison discussions
  - 3:00 ISO JTC1 discussion
  - 9:30pm P&P revisions

- **Wed**
  - 9:00 Network RFP and EMS contract
  - 10:00 802 TF
  - 1:00 REVam ballot issues
  - 2:00 International venues

- **Thurs**
  - 6:00pm SA SB interaction
Project Authorization Requests

- P802.3at  Residential Ethernet
- P802.11w  Protected Management
- P802.15.3  mm Wave PHY
- P1900.2  Practice for interference and coexistence
- P1900.1  Std Broadband over Power Line (submitted to NesCom as P1775)
Continuing Agenda

• Liaison Reports
• 802.3 State of the Standard (Mr. Law)
• 802.3 Operating Rules (Mr. Law)
• Task Force & Study Group Reports
  – Interpretations (Mr. Law)
  – 802.3REVam, Maintenance (Mr. Law)
  – 802.3an (Mr. Booth)
  – 802.3ap (Mr. Healey)
  – 802.3aq (Mr. Cunningham)
  – 802.3ar (Mr. Daines)
  – 802.3as (Mr. Daines)
  – Residential Ethernet SG (Mr. Carlson)
  – PoE Plus SG (Mr. McCormack)
• Calls for Interest
• Plan for the Week (Mr. Law)