# IEEE 802.17 Resilient Packet Ring Working Group Interim Session

## January 15-17, 2007
London, England

stds-802-17@ieee.org
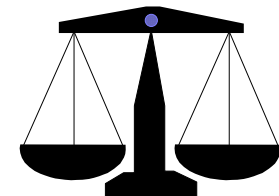http://www.ieee802.org/17

# Officers of RPRWG

- Chair                             Mike Takefman

- Vice-Chair                 John Lemon

- 802.17b Editor          Marc Holness

- Secretary                  (Mike Kelsen)

- Web-Master            John / Mike

# IEEE 802 Standards Principals

- **Process**
  - **Rules and Procedures**
- **Consensus**
  - **75% agreement on all technical issues**
- **Openness**
  - **Everyone has Access to Process**
  - **Individuals, World-wide**
- **Balance**
  - **Balloting group must include developers and users**
- **Right to Appeal**
  - **Both procedural and technical anytime during the process**
- **http://www.ieee802.org/rules.pdf**

# RPRWG

- The Resilient Packet Ring Working Group will define a Resilient Packet Ring Access Protocol for use in Local, Metropolitan and Wide Area Networks for transfer of data packets at rates scalable to many gigabits per second.

- Approved Standards
  - 802.17
  - 802.17a

- Current Work
  - 802.17c SG Protected Inter-Ring Connection
  - 802.17 Maintenance and Interpretations

# RPRWG Membership

- Anyone can participate in the working group
  - individuals who feel they have the technical competence to contribute to the standard
  - IEEE membership is not required ***but any meeting fee must be paid***
  - attendance at a meeting requires being in the <u>room and initialing the attendance sheet for 75% of the meeting (AM and PM)</u>
  - voting rights acquired by attending 2 meetings (one must be a plenary) of the last 4 plenary sessions  and starts at the next plenary session (if requested)
  - voting rights maintained by attending 2 meetings (one must be a plenary) of the last 4 plenary sessions

# Attendance Book

- Please *__initial__* the attendance book each day in both AM and PM
  - failure to do so will mean that you will not be considered in attendance
    - **X or √ are valid marks only if your name is Xavier or Tick**
  - *do not sign in advance or for another person*
    - **if you think someone is behaving improperly let an officer of the RPRWG know ASAP**

# Attendance Book

- The first section of the book is for people who have attended in the past
  - Sorted by last name
  - Also indicates if you are a voter or eligible
  - Please update any incorrect or missing fields

- If you are a new member, please fill out a blank contact information sheet

- KEEP THE BOOK MOVING!
  - If you see the book just sitting there, please move it along

# 802 WG Procedures

- Robert's Rules of Order
  - people make motions, seconded, discussion …
- Procedural votes require > 50%  to carry
- Technical votes require >= 75% to carry
- Straw polls have no force but are used to gauge the feeling in the room
  - Straw polls can be done twice
    - Vote by members only required
    - Vote by entire room optional

# 802 WG Procedures

- We are at an interim session hence there is no quorum automatically
  - 11 Members
- Never talk about the real cost of things
  - talking about relative costs is o.k.
  - 802 wants to avoid collusion

# Chair's Role

- Run the meeting and try to balance the democratic process along with the responsibility to produce the standard in a timely manner

- Decide what is procedural and what is technical

- I appreciate all feedback (+'ve or -'ve)

# 802 Patent Policy

- Any party that has patents (filed or granted) that are required to implement the standard or is aware of such patents must:

  - inform the Chair of the WG about the patent so the patent use letter can be obtained

  - There is a new patent letter form from the IEEE patent committee

- Recent court cases have shown that failure to disclose patents is not a winning strategy

# *IEEE-SA Standards Board Bylaws* on Patents in Standards

## 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. The patent holder or applicant should provide this assurance as soon as reasonably feasible in the standards development process. This assurance shall be provided no later than the approval of the standard (or reaffirmation when a patent or patent application becomes known after initial approval of the standard). This assurance shall be 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 portions 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 is irrevocable once submitted and accepted and shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal.

Approved by IEEE-SA Standards Board – March 2003 (Revised February 2006)

# Inappropriate Topics for IEEE WG Meetings

- Don't discuss the validity/essentiality of patents/patent claims

- Don't discuss the cost of specific patent use

- 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-SA 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**

Approved by IEEE-SA Standards Board – March 2003 (Revised February 2006)

# 802 Patent Policy

- http://standards.ieee.org/guides/companion/part3.html#patents

- "You aren't responsible for patent searches or determining the validity of the patent. Your working group also should not become involved in determining a reasonable fee for use of the patent or any other condition that the patent holder may impose. "

# 802.17 Session Schedule

- Jan 2007      London UK or elsewhere?

- Mar 2007      Orlando, FL

- May 2007      (28th) Co-locate in Geneva with ITU/1/3

- July 2007      San Francisco

- Sep 2007      ?

- Nov 2007      Atlanta

# Goals for this Meeting

- 802.17c PIRC Study Group

- Maintenance

# Rules for this Meeting

- Only questions of clarification during presentations
  - 1 question per person during Q&A
  - Re-circulation to the end of line is acceptable
- Allocation is approximately ¼ of presentation time for Q&A
  - Presenters: Please look at countdown timer on laptop
- Next presenter should get set up at front during Q&A
  - Next presenter must provide the final presentation to the chair and web-master at the beginning of the previous presentation
- Cell phones on vibrate, please.

# Hosting 802.17 Interims

- .17 meetings typically require space for 8-14 people

- Role of the host is to:
  - provide meeting space for 2 to 4 days
    - network access is desirable
    - catering is appreciated but not necessary
  - suggest local hotels and if possible arrange a meeting rate

# LAN Settings

- DHCP Server is active
- Set LAN TCP/IP Properties to get IP address automatically
- Local Server = USB memory stick
- Wireless Settings
  - SSID IEEE
  - WEP OFF

# Membership at Risk

- none