



IEEE 802.17 Resilient Packet Ring Working Group Preliminary Meeting

January 16/17, 2001
DoubleTree Hotel, San Jose

Sponsored by the RPR Alliance



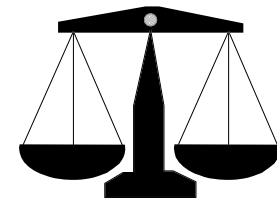
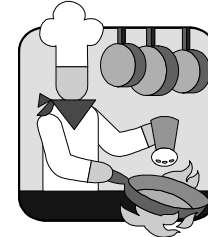
Key Locators

- Web-site
 - <http://www.ieee802.org/17>
- Reflector
 - stds-802-17@ieee.org
 - email majordomo@ieee.org with body
subscribe stds-802-17 YourEmailId
 - members of stds-802-rprsg moved automatically
- Mike Takefman - Chair of 802.17
 - tak@cisco.com
 - 613-271-3399



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



- New 802 Project approved by IEEE Standards Board on Dec. 7, 2000 as IEEE 802.17 Resilient Packet Ring Working Group
- 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.
- The project will use existing Physical Layer specifications and may develop new PHYs where appropriate.



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 room and signing the attendance sheet for 75% of the meeting
 - 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



RPRWG Membership

- Voting rights are not acquired by attending this meeting
- The first official meeting of the RPRWG is at the 802 March Plenary and voting rights are granted by attending that meeting
- March 11-16, 2001
Marriott Hilton Head
Hilton Head, SC
- <http://www.ieee802.org/meeting/regform2.html>
- Please register in advance and mark 802.17 as your primary interest.
 - otherwise we get too small a room!



Preliminary Meeting

- Voting rights are not acquired by attending this meeting
- Attendance will be taken
 - find your name in the binder and tick attendance each 1/2 day and update contact information if needed
 - if you cannot find your name, fill out a blank contact information sheet and tick attendance each 1/2 day
- Straw Polls Only, all decision to be ratified at the March meeting



802 WG Procedures

- Robert's Rules of Order
 - people make motions, seconded, yadda yadda yadda
- Procedural votes require 50% +1 to carry
- Technical votes require 75% to carry
- Straw polls have no force but are used to gauge the feeling in the room
- Never talk about the real cost of things
 - avoid the appearance of 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

- IEEE standards may include the known use of patent(s), including patent applications, if there is technical justification in the opinion of the standards-developing committee and provided the IEEE receives assurance from the patent holder that it will license applicants under reasonable terms and conditions for the purpose of implementing the standard. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent becomes known after initial approval of the standard).



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
- Failure to disclose the patent is viewed unfavorably by the courts
 - those violating the patent for the purpose of implementing the standard generally get access to the patent with no penalty or license fee



RPRWG Officers

- Elections for the following positions will be held at the March Plenary Meeting
 - Chair
 - Vice-Chair
 - Secretary
 - Web-master



RPRWG Officers

- Elections for the following positions will be held when appropriate
 - Editors
 - it has been suggested to allow volunteers to put section outlines and identify areas requiring work in order to demonstrate competence
 - Ad-Hoc Group Leaders
 - similarly we need to decide as a group if there are tasks that we should delegate to smaller groups to achieve rapid results



RPRWG Officers

- Anyone can stand for any position
 - intention to stand can be made towards the end of this meeting
 - it should be made prior to the plenary via the reflector
 - all candidates should prepare a statement in support of their candidacy
 - voting will not take place in the state of Florida



Election Straw Poll

- Election of any officer of the RPRWG requires a simple majority of those voting yes/no
 - one person, one vote per position
- In races with 3 or more candidates the candidate who received the smallest vote is dropped and the voting continues until a victor is determined
 - any candidate can remove their name from consideration at subsequent rounds
- In the unlikely event of a tie, the vote will be redone one more time. If a tie persists, paper scissors stone will be used to determine the winner
- Y
- N



RPR != Ethernet

- One concern of 802.3 to our PAR and 5 Criteria was the possibility of creating confusion in the market between RPR and Ethernet
 - RPR will use Ethernet PHY Layers to:
 - minimize development time;
 - ride the volume / cost curve;
- I promised to work to insure such confusion would not take place.



RPR != Ethernet

- However, confusion was created due to incomplete descriptions of the use of Ethernet PHYs in RPR
 - make sure your marketing people do not cut corners in this area
 - A box with an 802.3 interface WILL NOT talk to an 802.17 interface
 - Ethernet in the Metro is a competing technology



Goal for this Meeting

- Start the work of defining:
 - Scope
 - Objectives
 - Timeline & the amount of work to do
- Final decisions on these areas will not occur this meeting
 - membership and voting rights occur at Plenary meeting
 - straw polls will be used to gauge consensus and suggest work for future presentations