



IEEE 802.17 Resilient Packet Ring Working Group Interim Meeting

May 14-18, 2001
Orlando, FLA.

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



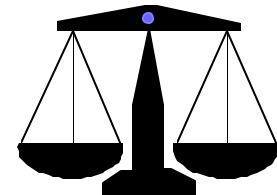
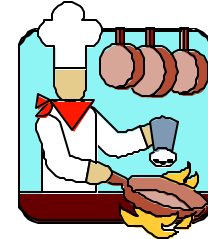
Officers of RPRWG

- Chair Mike Takefman
- Vice-Chair Bob Love
- Secretary B.J. Lee
 - Asst Secretary Mannix O'Connor
- Web-Masters Ed Messina, John Hawkins



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



Do we have a Quorum ?

- If 50% of the voting members are in attendance then decisions taken at this meeting are binding on the WG
- Else – any decisions taken need to be ratified in July
- Checks for quorum will be done later today and again on Wednesday



Attendance Book

- Please sign the attendance book each day
 - failure to do so will mean that you will not be considered in attendance
 - do not sign in advance
- If you attended past meetings you will find your contact info. Please update any incorrect or missing fields
 - the list is sorted by last name
- If you are a new member, please fill out a blank contact information sheet
 - attach business card using labels



802 WG Procedures

- Robert's Rules of Order
 - people make motions, seconded, yadda yadda yadda
- Procedural votes require $> 50\%$ to carry
- Technical votes require $\geq 75\%$ 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
 - talking about relative costs is o.k.
 - 802 wants to 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 can be viewed unfavorably by the courts
 - those violating the patent for the purpose of implementing the standard could get access to the patent with no penalty or license fee



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;
 - RPR is a new MAC and will not talk to an Ethernet MAC
- 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

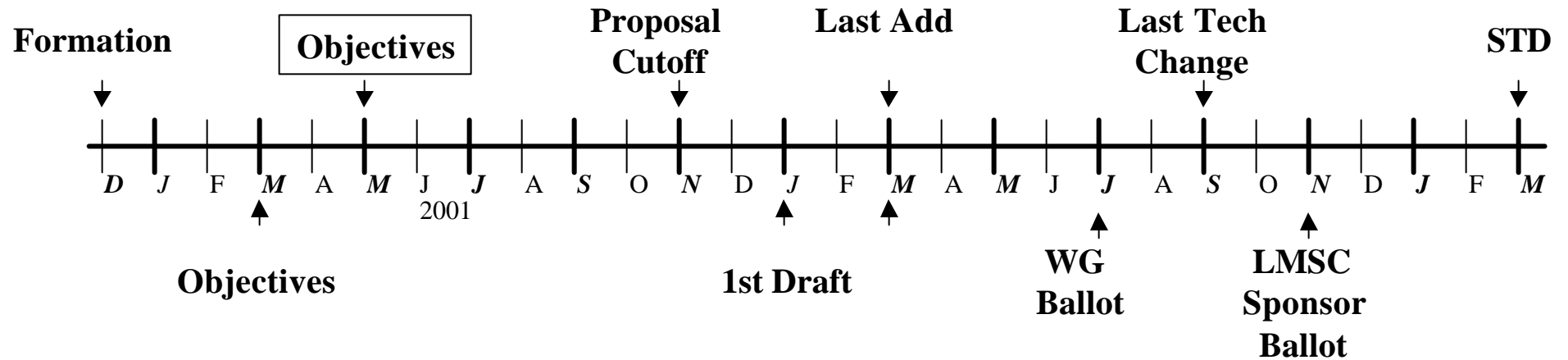


Goals for this Meeting

- 2 Days of Presentations
- Agree on some terms and definitions
- Vote on remaining Objectives from last meeting
- Determine if we want to create a Performance Committee
- Plan the July meeting



802.17 Timeline





Rules for this Meeting

- Only questions of clarification during presentations
 - we have a lot of ground to cover and a tight schedule
- 1 question per person during Q&A
 - unless there are no other questions
- Allocation is approximately $\frac{1}{4}$ of presentation time for Q&A
- Next presenter should get set up at front during Q&A



Plenary Meeting

- July 8 - 13, 2001 Portland, OR
 - Portland Marriott Downtown
 - 1401 Southwest Naito Parkway,
 - Portland, OR 97201
 - Reservation Phone: (503) 226-7600
 - Toll Free: (800) 228-9290
 - Reservation Fax: (503) 499-6357