



IEEE 802.17 Resilient Packet Ring Working Group Plenary Meeting

July 9-13, 2001
Portland, Oregon.

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



Officers of RPRWG



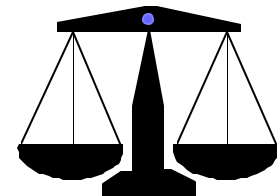
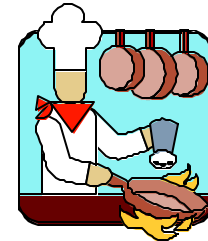
- Chair Mike Takefman
- Vice-Chair Bob Love
- Secretary B.J. Lee
 - Asst Secretary Mannix O'Connor
- Web-Masters Ed Messina, John Hawkins

- Performance Committee Chair Khaled Amer
- Terms and Definitions Ad-hoc Bob Sultan



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 initialing the attendance sheet for 75% of the meeting (AM and PM)
 - 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
 - *do not sign in advance or for another person*
- If you attended past meetings you will find your contact
 - The list is sorted by last name and indicates if you are a voter
 - Please update any incorrect or missing fields
- 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 and non-discriminatory 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
 - Recent court cases have shown that failure to disclose patents is not a winning strategy



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

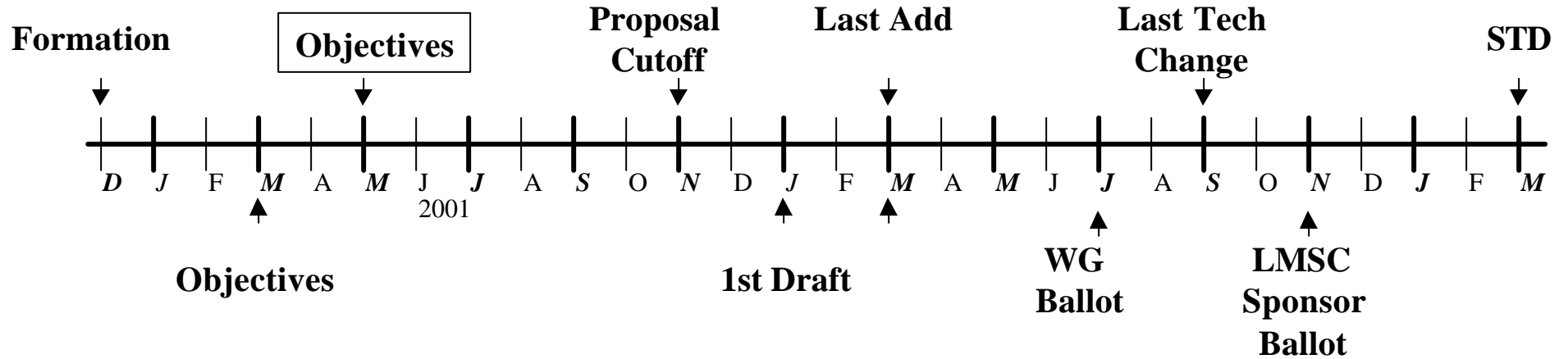


Goals for this Meeting

- 3+ Days of Presentations
- Discuss Gaps in objectives
 - Determine if new objectives are required
- Agree on some terms and definitions
- Clear motions from previous meetings
 - New motions
- Ad-hoc to discuss GFP/T1X1.5
- 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
 - Recirculation to the end of line is acceptable
- Allocation is approximately $\frac{1}{4}$ 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
- Cell phones on vibrate, please.



Interim Meetings

- September 9-12, Location and Host TBD
 - Cost TBD
- January 2002
 - 14-17th, 21-24th
 - Orlando? Somewhere else that's warm?
 - If no sponsor is available, we can engage a meeting planner. The cost per person likely in the range of \$150-200