



IEEE 802.17 Resilient Packet Ring Working Group Plenary Session

15 March 2011
Singapore

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

RPR WG

- 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
 - 802.17b
 - 802.17c
- Current Work
 - 802.17 Maintenance and Interpretations
 - 802.17d (AKA 802.17-REV)



Officers of the RPR WG

- Chair John Lemon
- Vice-Chair Michael Kelsen
- Secretary Michael Kelsen
- Maintenance TG Chair John Lemon



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/policies-and-procedures.pdf>

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/session requires being present for 75% of the meeting/session
 - Voting rights acquired by attending 2 sessions (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 sessions (one must be a plenary) of the last 4 plenary sessions

Attendance Book

- While the attendance remains at small numbers, we have no attendance book
 - I will maintain attendance without your intervention
- If you are a new attendee, please provide me your name and contact details
- We may be required to start using the IEEE attendance tool

802 WG Voting

- Procedural votes require $> 50\%$ to carry
- Technical votes require $\geq 75\%$ to carry
- The chair determines
 - What is procedural and what is technical
 - When to put a procedural issue to a vote
- Straw polls
 - Have no force, but may be used to gauge the feeling in the room
 - Usually voted on by all, regardless of voting status
 - Separate members only vote can be done, if desired

802 WG Voters

- 7 Members
- Eligible
 - None
- Removed
 - None
- Jeopardy
 - None

Chair's Role

- Run the meeting and try to balance the need for consensus, the democratic process, and the responsibility to produce the standard in a timely manner
- Voting decisions
 - Decide what is procedural and what is technical
 - Decide what procedural issues should be voted upon
- I welcome feedback on how I am doing



Instructions for the WG Chair



The IEEE-SA strongly recommends that at each WG meeting the chair or a designee:

- Show slides #1 through #4 of this presentation
- Advise the WG attendees that:
 - The IEEE's patent policy is consistent with the ANSI patent policy and is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
 - Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
 - There may be Essential Patent Claims of which the IEEE is not aware. Additionally, neither the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.
- Instruct the WG Secretary to record in the minutes of the relevant WG meeting:
 - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
 - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
 - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.
- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG chair review the guidance in *IEEE-SA Standards Board Operations Manual* 6.3.5 and in FAQs 12 and 12a on inclusion of potential Essential Patent Claims by incorporation or by reference.

Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE-SA Standards Board.



Participants, Patents, and Duty to Inform



All participants in this meeting ~~have certain obligations~~ under the IEEE-SA Patent Policy. Participants:

- “Shall inform the IEEE (or cause the IEEE to be informed)” of the identity of each “holder of any potential Essential Patent Claims of which they are personally aware” if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
 - “Personal awareness” means that the participant “is personally aware that the holder may have a potential Essential Patent Claim,” even if the participant is not personally aware of the specific patents or patent claims
- “Should inform the IEEE (or cause the IEEE to be informed)” of the identity of “any other holders of such potential Essential Patent Claims” (that is, third parties that are not affiliated with the participant, with the participant’s employer, or with anyone else that the participant is from or otherwise represents)
- The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group

Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2

- **Early identification of holders of potential Essential Patent Claims is strongly encouraged**
- **No duty to perform a patent search**

Patent Related Links

All participants should be familiar with their obligations under the IEEE-SA Policies & Procedures for standards development.

Patent Policy is stated in these sources:

IEEE-SA Standards Boards Bylaws

<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>

IEEE-SA Standards Board Operations Manual

<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>

Material about the patent policy is available at

<http://standards.ieee.org/about/sasb/patcom/materials.html>

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/about/sasb/patcom/index.html>

This slide set is available at <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt>

Call for Potentially Essential Patents

- If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance:
 - Either speak up now or
 - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible or
 - Cause an LOA to be submitted

Meetings

- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**
 - **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**
 - **Don't discuss specific license rates, terms, or conditions.**
 - Relative costs, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.
 - Technical considerations remain primary focus
 - **Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.**
 - **Don't discuss the status or substance of ongoing or threatened litigation.**
 - **Don't be silent if inappropriate topics are discussed ... do formally object.**

See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and “Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association’s Antitrust and Competition Policy” for more details.

Call For Patents

- Now is one opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for the use of IEEE 802.17 standards.



802.17 Upcoming Sessions



- ?



Hosting 802.17 Interims

- No interims are expected in the foreseeable future



802 WG Operation

- Primary mode of operation is discussion
- Robert's Rules of Order
 - When needed

802.17 Chair's Rules

- Cell phones off, or on vibrate
- Laptop sound off

- Presentations must be available electronically before being presented



Goals For This Session

- 802.17d forward to RevCom



Additional Information For This Session

- Attendees staying at this hotel can access the hotel network from their rooms as detailed at checkin.