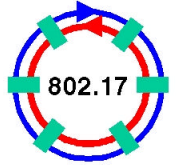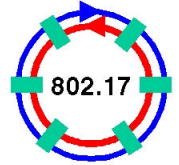# Follow-On Development of Resilient Packet Ring

Robert D. Love
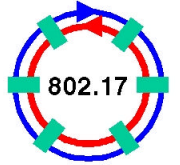
LAN Connect Consultants

rdlove@ieee.org

There is Still Work to Do

- Trunking

- Different PHY layers

- Mixed speeds on one ring

- Enhanced bridging

- Other enhancement that will increase our potential customer set (Get creative)

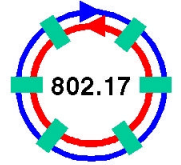# Present PAR ActivityAlmost Complete

- Draft 2.3 has passed with >75% approval

- No major changes are expected to the draft

- WG now moving quickly toward consensus

- Cleanup phase takes less focus

- Workload reflected in level of participation

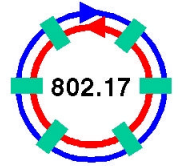 - Market interest also reflected in level of participation

For RPR to remain vital we must have:

- Excellence in present standard/draft
  - It works well
  - Customers like it
- Important new capabilities under development
  - Significantly widening technology's appeal
- Press and industry interest
  - Frequent press coverage
  - Strong attendance at meetings

It is time to begin a new PAR

- This meeting
  - Select new capability for standardizing
  - Establish a study group to develop a first pass at a PAR and 5 criteria
    - Must be formally approved by this WG
    - Establish a Study Group chair
    - SG must be approved by the SEC
    - Establish time frame for PAR as November, 2003.
    - (See Operating Rules, Section 5.3 for rules concerning the operation of the study group)
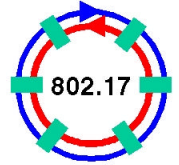
5.3 Study Groups

Study groups are formed when enough interest has been identified for a particular area of study such as a new access method or modified use of an existing access method. Two types of Study Groups are specified:

1. An Executive Committee Study Group (ECSG) is initiated by vote of the Executive Committee and the ECSG Chair is appointed and approved by the Executive Committee. The ECSG Chair has the same responsibilities as a Working Group Chair as specified in 5.1.4.1 but does not have Executive Committee voting rights.

2. A Working Group Study Group (WGSG) is initiated by vote of the Working Group or TAG and approved by the Executive Committee. The WGSG Chair is appointed and approved by the Working Group or TAG.

The Study Group shall have a defined task with specific output and a specific time frame established within which they are allowed to study the subject. It is expected that the work effort to develop a PAR will originate in a ECSG or WGSG. A Study Group shall report its recommendations, shall have a limited lifetime, and is chartered meeting-to-meeting. After the Study Group recommendation(s) has been accepted by the parent body, the Study Group will be disbanded no later than the end of the next Plenary Session.

The decision of whether to utilize an existing Working Group or TAG, or to establish a new Working Group or TAG to carry out work items recommended by a Working Group shall be made by the Executive Committee with due consideration of advice from the Study Group.

Study Group Rules (cont)

5.3.1 Study Group Operation

Progress of each Study Group shall be presented at Opening Plenary meetings by the Working Group, TAG, or ECSG Chair. Study Groups may elect officers, other than the Chair, if necessary and will follow the general operating procedures for Working Groups specified in 5.1.3.5 and 5.1.4. Because of the limited time duration of a Study Group no letter ballots are permitted.

5.3.2 Voting at Study Group Meetings

Any person attending a Study Group meeting may vote on all motions (including recommending approval of a PAR). A vote is carried by 75% of those present and voting "Approve" or "Disapprove."

*Excerpted from March 14, 2003 LMSC Policies and Procedures available at
  http://grouper.ieee.org/groups/802/rules.pdf