The PAR Copyright Release and Signature Page must be submitted by FAX to +1-732-875-0695 to the NesCom Administrator.
If you have any questions, please contact the NesCom Administrator.

Once you approve and submit the following information, changes may only be made through the NesCom Administrator.

Draft PAR Confirmation Number: 198361210.25824
Submittal Email: tak@cisco.com
Type of Project: Amendment to an Existing Standard 802.17-2004
1.1 Project Number: P802.17c
1.2 Type of Document: Standard for
1.3 Life Cycle: Full
1.4 Is this project in ballot now? No
2.1 Title of Standard: IEEE Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 17: Resilient Packet Ring (RPR) Access Method and Physical Layer Specifications - Amendment: 2 – Protected Inter-Ring Connection
3.1 Name of Working Group: Resilient Packet Ring Working Group
Contact information for Working Group Chair Michael Takefman Email: tak@cisco.com Phone: 613-254-3399
Contact Information for Working Group Vice Chair Email: Phone:
3.2 Sponsoring Society and Committee:IEEE Computer Society/Local and Metropolitan Area Networks (C/LM) **Contact information for Sponsor Chair:** Paul Nikolich Email: p.nikolich@ieee.org Phone: 857-205-0050 **Contact information for Standards Representative:** Email: Phone:
3.3 Joint Sponsor:/ () **Contact information for Sponsor Chair:** Email: Phone: **Contact information for Standards Representative:** Email: Phone:
4.1 Type of Ballot: Individual
4.2 Expected Date of Submission for Initial Sponsor Ballot: 2008-11
4.3 Projected Completion Date for Submittal to RevCom: 2009-07
5.1 Approximate number of people expected to work on this project: 12

5.2 Scope of Proposed Standard: The proposed changes add new capabilities to the MAC layer to enable operation of dual-redundant RPR stations that interconnect 2 RPR rings.	**Old Scope:**

5.3 Is the completion of this standard is dependent upon the completion of another standard: No
If yes, please explain:

5.4 Purpose of Proposed Standard: The amendment extends the property of fast (50 ms) restoration time, associated with an individual RPR ring to dual-interconnected rings. Further, the standard specifies methods for controlling which traffic is sent across each of the two interconnections.	**Old Purpose:**

5.5 Need for the Project: It is common for carriers and enterprises to deploy transport equipment in dual interconnected rings topologies for protection across the span of interconnected rings. RPR targets both of these markets and requires equivalent function. Carriers have expressed a requirement for dual interconnected rings to replace legacy carrier class solutions (SONET/SDH) and some are beginning to deploy proprietary solutions.

5.6 Stakeholders for the Standard: The stakeholders for the project are telecom service providers, equipment manufacturers and ASIC vendors implementing RPR.

Intellectual Property

6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes
If yes, state date: 2007-01-15
If no, please explain:

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No
If yes, please explain:

6.1.c. Is the Sponsor aware of possible registration activity related to this project? No
If yes, please explain:

7.1 Are there other standards or projects with a similar scope? No
If yes, please explain:
and answer the following: Sponsor Organization:
Project/Standard Number:
Project/Standard Date: 0000-00-00
Project/Standard Title:

7.2 Future Adoptions
Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? Do not know at this time

If Yes, the following questions must be answered:
Technical Committee Name and Number: SC6
Other Organization Contact Information:
Contact person:
Contact Email address:

7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety? No
If yes, please explain:

7.4 Additional Explanatory Notes: (Item Number and Explanation)

8.1 Sponsor Information:
Is the scope of this project within the approved scope/definition of the Sponsor's Charter? Yes

If no, please explain:

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Contact the NesCom Administrator