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13 May 2004

Paul Nikolich
18 Bishops Lane
Lynnfield, MA 01940
paul.nikolich@att.net

Re: P802.1ag - Standard for Local and Metropolitan Area Networks – Virtual Bridged Local Area Networks –
Amendment 5: Connectivity Fault Management

Dear Paul:

I am pleased to inform you that on 13 May 2004 the IEEE-SA Standards Board approved the above referenced project until 31 December 2008. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/802-1ag.pdf>.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2i under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

For your convenience, an Excel spreadsheet for your use has been posted on our website at <http://standards.ieee.org/guides/par/roster.xls>. Please forward this list to me via e-mail at j.haasz@ieee.org no later than 11 August 2004.

Please visit our website, IEEE Standards Development Online (<http://standards.ieee.org/resources/development/index.html>), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

If you should have any further questions, please contact me at 732-562-6367 or by email at j.haasz@ieee.org.

Sincerely,

Jodi Haasz
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PAR FORM

PAR Status: Amendment of Standard

PAR Approval Date: 2004-05-13

PAR Signature Page on File: Yes

1. Assigned Project Number: 802.1ag

2. Sponsor Date of Request: 2004-03-23

3. Type of Document: Standard for

4. Title of Document:

Draft: Standard for Local and Metropolitan Area Networks – Virtual Bridged Local Area Networks – Amendment 5:
Connectivity Fault Management

5. Life Cycle: Full-Use

6. Type of Project:

6a. Is this an update to an existing PAR? No

6b. The Project is a: Amendment to Std P802.1Q - 08/14/2003

7. Working Group Information:

Name of Working Group: IEEE 802.1 Working Group

Approximate Number of Expected Working Group Members:40

8. Contact information for Working Group Chair:

Name of Working Group Chair: Tony A Jeffree

Telephone: +44-161-973-4278 **FAX:** +44-161-973-6534

Email: tony@jeffree.co.uk

9. Contact information for Co-Chair/Official Reporter, Project Editor or Document Custodian if different from the Working Group Chair:

Name of Co-Chair/Official Reporter, Project Editor or Document Custodian:

Telephone: FAX:

Email:

10. Contact information for Sponsoring Society or Standards Coordinating Committee:

Name of Sponsoring Society and Committee: Computer Society Local and Metropolitan Area Networks

Name of Sponsoring Committee Chair: Paul Nikolich

Telephone: 857-205-0050 **FAX:** 781-334-2255

Email: paul.nikolich@att.net

Name of Liaison Rep. (if different from the Sponsor Chair):

Telephone: FAX:

Email:

Name of Co-Sponsoring Society and Committee:

Name of Co-Sponsoring Committee Chair:

Telephone: FAX:

Email:

Name of Liaison Rep. (if different from the Sponsor Chair):

Telephone: FAX:

Email:

11. The Type of ballot is: Individual Sponsor Ballot

Expected Date of Submission for Initial Sponsor Ballot: 2006-12-31

12. Fill in Projected Completion Date for Submittal to RevCom: 2007-07-31

Explanation for Modified PAR that completion date is being extended past the original four-year life of the PAR:

13. Scope of Proposed Project:

This standard specifies protocols, procedures, and managed objects to support transport fault management. These allow discovery and verification of the path, through bridges and LANs, taken for frames addressed to and from specified network users, detection, and isolation of a connectivity fault to a specific bridge or LAN.

Is the completion of this document contingent upon the completion of another document? No

14. Purpose of Proposed Project:

Bridges are increasingly used in networks operated by multiple independent organizations, each with restricted management access to each other's equipment. This standard will provide capabilities for detecting, verifying and isolating connectivity failures in such networks.

14a. Reason for the standardization project:

Public networks represent a new and very broad application space for IEEE802 technologies and specifically for Provider Bridges (P802.1ad). Operators of such networks require path tracing, connectivity verification and fault detection and isolation tools to support established operational practice. There is growing interest in the use of such fault management tools within enterprise and provider networks, for use by individuals and network maintenance organizations. The familiarity of the potential customer base with existing fault management tools like ATM's "continuity check", "Loopback" and "multiple Loopback" and IP's "ping" and "traceroute", together with the extensive use made of these simple fault management tools to support monitoring and initial fault isolation, is expected to lead to early and widespread deployment of the proposed standard. Interest and activities within ITU study groups and industry groups, including the Metro Ethernet Forum, that represent many potential users and vendors of equipments for such networks, have highlighted the need for these fault management tools. Notably among ITU study groups include ITU-T Q3/13, which has already consented "Y.1730 - Requirements for OAM functions in Ethernet based network"

15. Intellectual Property:

Has the sponsor reviewed the IEEE patent policy with the working group? Yes

Is the sponsor aware of copyrights relevant to this project? No

Is the sponsor aware of trademarks relevant to this project? No

Is the sponsor aware of possible registration of objects or numbers due to this project? No

16. Are there other documents or projects with a similar scope? No

Similar Scope Project Information:

17. Is there potential for this document (in part or in whole) to be adopted by another national , regional or international organization? No

If yes, please answer the following questions:

Which International Organization/Committee?

**International Contact
Information?**

18. If the project will result in any health, safety, or environmental guidance that affects or applies to human health or safety, please explain in five sentences or less.

19. Additional Explanatory Notes: (Item Number and Explanation)