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Draft PAR Confirmation Number: xxxxxxxxxxxxxxxxxxxx
Submittal Email: tony@jeffree.co.uk
Type of Project: PAR for a New Standard
1.1 Project Number: P802.1BA
1.2 Type of Document: Standard for
1.3 Life Cycle: Full
1.4 Is this project in ballot now? No
1.5 Is the balloting group aware of the PAR modification?
2.1 Title of Standard: Standard for Local and Metropolitan Area Networks – Audio Video Bridging (AVB) Systems
3.1 Name of Working Group: Higher Layer LAN Protocols Working Group(C/LM/WG802.1)
<p>Contact information for Working Group Chair Anthony Jeffree 11a Poplar Grove Sale, Cheshire M33 3AX GB tony@jeffree.co.uk</p> <p>Working Group Vice Chair: Paul Congdon 9489 Treelake Road Granite Bay, CA 95746 US, Email: paul.congdon@hp.com</p>
<p>3.2 Sponsoring Society and Committee:IEEE Computer Society/Local and Metropolitan Area Networks(C/LM)</p> <p>Contact information for Sponsor Chair: Paul Nikolich 18 Bishops Lane Lynnfield, MA 01940 US p.nikolich@ieee.org</p> <p>Contact information for Standards Representative:</p>
4.1 Type of Ballot: Individual
4.2 Expected Date of Submission for Initial Sponsor Ballot: 2011-06
4.3 Projected Completion Date for Submittal to RevCom: 2011-12
5.1 Approximate number of people expected to work on this project: 60
5.2 Scope of Proposed Standard: This standard defines profiles that select features, options, configurations, defaults, protocols and procedures of bridges, stations and LANs that are necessary to build networks that are capable of transporting time sensitive audio and/or video data streams.
<p>5.3 Is the completion of this standard is dependent upon the completion of another standard: Yes</p> <p>If yes, please explain:This standard will make use of the specifications that are under</p>

development in P802.1AS, P802.1Qat, and P802.1Qav.

5.4 Purpose of Proposed Standard: The purpose of this standard is to specify defaults and profiles that manufacturers of LAN equipment can use to develop AVB-compatible LAN components, and to enable a person not skilled in networking to build a network, using those components, that does not require configuration to provide working Audio and/or Video services.

5.5 Need for the Project: The performance requirements of Audio Video Bridging (AVB) over various media prevents the use of some portions of those standards, and requires the selection of default operating parameters; these must be defined in order to meet the needs of the users of components built to those standards. Detection of non-AVB equipment must be defined so the performance of AVB equipment can be maintained. The configuration parameters of various 802.1 standards (such as 802.1AS and MSTP), need to be defined in order to achieve automatic configuration of AVB networks. This standard will satisfy these needs.

5.6 Stakeholders for the Standard: The stakeholders are developers, distributors, installers, and users of Audio and/or Video Bridging equipment.

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: 2008-01-28

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? No

If Yes, the following questions must be answered:

Technical Committee Name and Number:

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)

Contact the [NesCom Administrator](#)