
myProject™ - P802.1BA PAR Detail

Submitter Email: tony@jeffree.co.uk

Type of Project: New IEEE Standard

PAR Request Date: 22-Mar-2008

PAR Approval Date: 19-May-2008

PAR Expiration Date: 31-Dec-2012

Status: PAR for a New IEEE Standard

Project:

Root Project:

1.1 Project Number: P802.1BA

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

1.4 Is this project in ballot now? No

2.1 Title: Standard for Local and Metropolitan Area Networks Audio Video Bridging (AVB) Systems

3.1 Working Group: Higher Layer LAN Protocols Working Group (C/LM/WG802.1)

Contact Information for Working Group Chair

Anthony Jeffree

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Contact Information for Working Group Vice-Chair

Paul Congdon

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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

None

4.1 Type of Ballot: Individual

4.2 Expected Date of Submission for Initial Sponsor Ballot: 06/2011

4.3 Projected Completion Date for Submittal to RevCom: 12/2011

5.1 Approximate number of people expected to work on this project: 60

5.2 Scope: 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.

5.3 Is the completion of this standard dependent upon the completion of another standard: Yes

If yes, please explain: This standard will make use of the specifications that are under development in P802.1AS, P802.1Qat, and

P802.1Qav.

5.4 Purpose: 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 other 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/submitted this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes

If yes, state date: 01/28/2008

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No

6.1.c. Is the Sponsor aware of possible registration activity related to this project? No

7.1 Are there other standards or projects with a similar scope? No

7.2 International Activities

a. Adoption

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

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Person Name:

Contact Person Phone:

Contact Person Email:

b. Joint Development

Is it the intent to develop this document jointly with another organization? No

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Person Name:

Contact Person Phone:

Contact Person Email:

c. Harmonization

Are you aware of another organization that may be interested in portions of this document in their standardization development efforts? No

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Person Name:

Contact Person Phone:

Contact Person Email:

8.1 Additional Explanatory Notes: (Item Number and Explanation)
