

P802.20b

Submitter Email: m.klerer@qualcomm.com

Type of Project: Amendment to IEEE Standard 802.1Q-2005

PAR Request Date: 18-Nov-2008

PAR Approval Date: 30-Jan-2009

PAR Expiration Date: 31-Dec-2012

Status: PAR for an Amendment to an existing IEEE Standard 802.1Q-2005

1.1 Project Number: P802.20b

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: IEEE Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment: Bridging of 802.20

3.1 Working Group: Mobile Broadband Wireless Access (MBWA) Working Group (C/LM/WG802.20)

Contact Information for Working Group Chair

Name: S Mark Klerer

Email Address: m.klerer@qualcomm.com

Phone: 908-443-8092

Contact Information for Working Group Vice-Chair

Name: Radhakrishna Canchi

Email Address: canchi@ieee.org

Phone: 510-257-0132

3.2 Sponsoring Society and Committee: IEEE Computer Society/Local and Metropolitan Area Networks (C/LM)

Contact Information for Sponsor Chair

Name: Paul Nikolich

Email Address: 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 of draft to the IEEE-SA for Initial Sponsor Ballot: 05/2009

4.3 Projected Completion Date for Submittal to RevCom: 12/2009

5.1 Approximate number of people expected to be actively involved in the development of this project: 50

5.2 Scope: The scope of this project is limited to amending 802.1Q to support Bridging of the IEEE P802.20 MAC. This involves: (a) adding one subclause to Clause 6 of 802.1Q describing the service interface mapping between the Internal Sublayer Service and the IEEE P802.20 MAC; (b) minor changes elsewhere in the document as needed to accommodate support of an additional MAC, and including the PICS Proforma in Annex A.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: The purpose is to amend the 802.1Q transparent bridge standard in recognition of the IEEE P802.20 Media Access Control (MAC).

5.5 Need for the Project: IEEE 802 MACs operate as part of an IEEE 802 bridged network. This amendment will normalize this compatibility and ensure that IEEE P802.20 can be deployed by enterprises and service providers to support network bridging applications.

5.6 Stakeholders for the Standard: IEEE P802.20 equipment suppliers, service providers, and users.

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: 12-May-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?: Do Not Know

Organization:

Technical Committee Name:

Technical Committee Number:

Contact Name:

Phone:

Email:

b. Joint Development

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

c. Harmonization

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

8.1 Additional Explanatory Notes (Item Number and Explanation):