P802.1AC

Submitter Email: tony@jeffree.co.uk
Type of Project: Revision to IEEE Standard 802.1AC-2012
PAR Request Date: 18-Mar-2013
PAR Approval Date:
PAR Expiration Date:
Status: Unapproved PAR, PAR for a Revision to an existing IEEE Standard

1.1 Project Number: P802.1AC
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Local and metropolitan area networks-Media Access Control (MAC) Service Definition

Changes in title: ~~IEEE~~ Standard for Local and metropolitan area networks-Media Access Control (MAC) Service Definition

3.1 Working Group: Higher Layer LAN Protocols Working Group (C/LM/WG802.1)
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3.2 Sponsoring Society and Committee: IEEE Computer Society/LAN/MAN Standards Committee (C/LM)
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4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 03/2015
4.3 Projected Completion Date for Submittal to RevCom: 10/2015

5.1 Approximate number of people expected to be actively involved in the development of this project: 30
5.2 Scope: The scope of this standard is to define the Media Access Control (MAC) Service provided by all IEEE 802(R)MACs, and the Internal Sublayer Service (ISS) provided within MAC Bridges, in abstract terms of thefollowing:
a)Their semantics, primitive actions, and events; and
b)The parameters of, interrelationship between, and valid sequences of these actions and events.

5.3 Is the completion of this standard dependent upon the completion of another standard: No
5.4 Purpose: This document will not include a purpose clause.
5.5 Need for the Project: A common MAC service definition standard within IEEE 802 is an important building block that will help ensure consistency across MACs, and consistency of MACs with IEEE 802 Bridging technology. This standard will be of benefit to manufacturers of conformant LAN equipment, their customers, and users of LANs or LAN services that are based on such equipment.

5.6 Stakeholders for the Standard: Manufacturers, distributors, and users of IEEE 802 MACs. Standards developers that are developing MAC standards.

Intellectual Property
6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No
6.1.b. 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 Joint Development
  Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes (Item Number and Explanation): Technical and editorial corrections and the incorporation of additional MAC technologies that are able to support the internal sublayer service (ISS.