P802.1AC

Type of Project: Revision to IEEE Standard 802.1AC-2016
Project Request Type: Initiation / Revision
PAR Request Date:
PAR Approval Date:
PAR Expiration Date:
PAR Status: Draft
Root Project: 802.1AC-2016

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

2.1 Project Title: Standard for Local and metropolitan area networks -- Media Access Control (MAC) Service Definition
> **Change to 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/LAN/MAN/802.1 WG)
  3.1.1 Contact Information for Working Group Chair:
  Name: Glenn Parsons
  Email Address: glenn.parsons@ericsson.com
  3.1.2 Contact Information for Working Group Vice Chair:
  Name: Jessy Rouyer
  Email Address: jessy.rouyer@nokia.com
3.2 Society and Committee: IEEE Computer Society/LAN/MAN Standards Committee(C/LAN/MAN)
  3.2.1 Contact Information for Standards Committee Chair:
  Name: James Gilb
  Email Address: gilb_ieee@tuta.com
  3.2.2 Contact Information for Standards Committee Vice Chair:
  Name: David Halasz
  Email Address: dave.halasz@ieee.org
  3.2.3 Contact Information for Standards Representative:
  Name: George Zimmerman
  Email Address: george@cmephyconsulting.com

4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE SA for Initial Standards Committee Ballot: Jul 2026
4.3 Projected Completion Date for Submittal to RevCom: Feb 2027

5.1 Approximate number of people expected to be actively involved in the development of this project: 30
5.2 Scope of proposed standard: 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 the following: 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 contingent upon the completion of another standard? No
5.4 Purpose: This document will not include a purpose clause.
5.5 Need for the Project: This revision project is needed to incorporate approved amendments and corrigenda, to incorporate technical and editorial corrections to existing functionality, and to ensure that consistency is maintained in the consolidated text.
Change to Need for the Project: ~~A common MAC service definition standard within~~ This ~~IEEE~~ revision ~~802~~ project is ~~an important building block that will~~ needed ~~help~~ to ~~ensure consistency~~ incorporate ~~across~~ approved ~~MACs,~~ amendments and ~~consistency~~ corrigenda, ~~of~~ to ~~MACs~~ incorporate ~~with~~ technical ~~IEEE~~ and ~~802~~ editorial ~~Bridging technology.~~ ~~This standard will be of benefit~~ corrections to ~~manufacturers of conformant LAN~~ existing ~~equipment, their customers~~ functionality , and ~~users~~ to ~~of~~ ensure ~~LANs~~ that ~~or~~ consistency ~~LAN~~ is ~~services~~ maintained ~~that~~ in ~~are~~ the ~~based~~ consolidated ~~on such equipment~~ text .

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

6.1 Intellectual Property
    6.1.1 Is the Standards Committee aware of any copyright permissions needed for this project?
    No
    6.1.2 Is the Standards Committee 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 Is it the intent to develop this document jointly with another organization? No

8.1 Additional Explanatory Notes: ISS: Internal Sublayer Service