

P802.1CM

Type of Project: Revision to IEEE Standard 802.1CM-2018

Project Request Type: Initiation / Revision

PAR Request Date:

PAR Approval Date:

PAR Expiration Date:

PAR Status: Draft

Root Project: 802.1CM-2018

1.1 Project Number: P802.1CM

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Project Title: Standard for Local and metropolitan area networks -- Time-Sensitive Networking for Fronthaul

Change to Title: ~~IEEE~~ Standard for Local and metropolitan area networks -- Time-Sensitive Networking for Fronthaul

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

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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

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3.2.3 Contact Information for Standards Representative:

Name: George Zimmerman

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4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE SA for Initial Standards Committee Ballot:

Nov 2027

4.3 Projected Completion Date for Submittal to RevCom: Jul 2028

5.1 Approximate number of people expected to be actively involved in the development of this project: 15

5.2 Scope of proposed standard: This standard defines profiles that select features, options, configurations, defaults, protocols and procedures of bridges, stations, and local area networks that are necessary to build networks that are capable of transporting fronthaul streams, which are time-sensitive.

Change to scope of proposed standard: This standard defines profiles that select features, options, configurations, defaults, protocols and procedures of bridges, stations, and ~~LANs~~ local area networks that are necessary to build networks that are capable of transporting fronthaul streams, which are time-sensitive. ~~NOTE~~
~~Stream and flow are used as synonyms in this document~~

5.3 Is the completion of this standard contingent upon the completion of another standard? No

5.4 Purpose: The purpose of this standard is to specify defaults and profiles that enable the transport of time-sensitive fronthaul streams in Ethernet bridged networks.

5.5 Need for the Project: This revision project is needed in order 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.

5.6 Stakeholders for the Standard: Developers, providers, and users of networking services and equipment, such as bridge and network interface card suppliers and vendors, network operators, testers, and users.

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: