

802.1 Motions for LMSC agenda, including supporting material

IEEE 802 LMSC
February 2021 eMeeting

V4 (802.1 version #)



Process

- To progress work items without a face-to-face 802.1 WG session, the 802.1 WG chair has initiated a series of 10-day electronic ballots using ePoll
 - <https://mentor.ieee.org/802.1/polls>
- Motions for WG and EC approval follow

Agenda

- Motion External (ME)
 - 4.09 CFP for P802.1DP
 - 4.10 Communication to 3GPP on inclusive language

4.09 Motion

- Approve the Call for Participation on the P802.1DP project in <https://www.ieee802.org/1/files/public/docs2021/dp-draft-cfp-0121-v02.pdf> for release by IEEE SA, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
- In the WG, Proposed: Janos Farkas
- Second: Jessy Rouyer
 - (y/n/a): 59, 0, 0
- In EC, mover: Glenn Parsons Second: Rogers Marks
 - (y/n/a): <y>,<n>,<a>

WG electronic ballot ended on Jan 29th

Supporting material

CALL FOR PARTICIPATION

IEEE P802.1DP™ – Time-Sensitive Networking for Aerospace Onboard Ethernet Communications

IEEE Standards Association (IEEE SA) invites you to participate in the working group for the IEEE P802.1DP™ Time-Sensitive Networking for Aerospace Onboard Ethernet Communications.

WHY GET INVOLVED

The [IEEE P802.1DP™](#) project has been established to ensure that experts are involved in defining the use of IEEE 802.1 Time-Sensitive Networking (TSN) for aerospace onboard Ethernet communications. The intent is to develop this standard jointly between the IEEE 802.1 Working Group and SAE Avionics Networks AS-1 A2 Committee. The more participation, the better this standard will represent the needs of the entire industry.

Participation can include requirements and/or designs for:

- Deterministic latency
- Redundancy
- Security
- Time synchronization
- Other topics related to determinism and reliable communication

The purpose of the IEEE 802.1DP™ standard is to describe the use of Ethernet bridged networks based on IEEE standards in aerospace onboard networks. IEEE 802.1DP™ standard specifies profiles of IEEE 802.1 Time-Sensitive Networking (TSN) and IEEE 802.1 Security standards for aerospace onboard bridged IEEE 802.3 Ethernet networks.

The aerospace segment does not have profiles of IEEE 802.1 TSN standards. The lack of standardized TSN profiles makes the definition of the aerospace manufacturers' requirements and the implementation of those requirements by suppliers more difficult and costly. Thus, there is a need to standardize the selection and use of IEEE 802.1 and IEEE 802.3 standards and features in order to be able to deploy secure, highly-reliable converged networks, and enable certification as a basis for compliance and design assurance.

The stakeholders include developers, integrators, aerospace manufacturers and suppliers, test equipment vendors, certification agencies, and users of networking services and components for aerospace.

KEEP YOURSELF INFORMED

The first step is to keep yourself informed by subscribing to the main e-mail list of the IEEE 802.1 Working Group at <http://www.ieee802.org/1/email-pages/>. Also subscribe to



[IEEE Standards Association \(IEEE SA\)](#) invites you to participate in the working group for [IEEE P802.1DP™ - Time-Sensitive Networking for Aerospace Onboard Ethernet Communications](#).

WHY GET INVOLVED

The [IEEE P802.1DP™](#) project has been established to ensure that experts are involved in defining the use of IEEE 802.1 Time-Sensitive Networking (TSN) for aerospace onboard Ethernet communications. The intent is to develop the [IEEE P802.1DP™](#) standard jointly between the IEEE 802.1 Working Group and SAE Avionics Networks AS-1 A2 Committee. The more participation, the better this standard will represent the needs of the entire industry.

Participation can include requirements and/or designs for:

- Deterministic latency
- Redundancy
- Security
- Time synchronization
- Other topics related to determinism and reliable communication

The purpose of the IEEE 802.1DP™ standard is to describe the use of Ethernet bridged networks based on IEEE standards in aerospace onboard networks. The IEEE 802.1DP™ standard specifies profiles of IEEE 802.1 Time-Sensitive Networking (TSN) and IEEE 802.1 Security standards for aerospace onboard bridged IEEE 802.3 Ethernet networks.

The aerospace segment does not have profiles of IEEE 802.1 TSN standards. The lack of standardized TSN profiles makes the definition of the aerospace manufacturers' requirements and the implementation of those requirements by suppliers more difficult and costly. Thus, there is a need to standardize the selection and use of IEEE 802.1 and IEEE 802.3 standards and features in order to be able to deploy secure, highly-reliable converged networks, and enable certification as a basis for compliance and design assurance.

The stakeholders include developers, integrators, aerospace manufacturers and suppliers, test equipment vendors, certification agencies, and users of networking services and components for aerospace.

STAY INFORMED

The first step is to keep yourself informed by subscribing to the [main e-mail list](#) of the IEEE 802.1 Working Group.

SUBSCRIBE

Also subscribe to <https://listserv.ieee.org/cgi-bin/wa?A0=STDS-802-1-MINUTES> in order to receive messages with detailed information about Working Group meetings.



4.10 Motion

- Approve <https://www.ieee802.org/1/files/public/docs2021/draft-liaison-response-3GPP-SP-201144-inclusive-language-0121-v03.pdf> as a communication to 3GPP SA WG2, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
 - This approval is under LMSC OM “Procedure for public statements to government bodies”
 - Note this reply liaison to 3GPP SA will also be sent to the original CC list of IEEE 1588, IEEE SA, IETF, GSMA, ETSI, OMA, ISO, OneM2M, ITU-T, TIA, ATIS, SAE, 5GAA, IEC, 3GPP TSG RAN, 3GPP TSG CT
- In the WG, Proposed: Paul Congdon
- Second: Don Pannell
 - (y/n/a): 57, 0, 3
- In EC, mover: Glenn Parsons Second: Rogers Marks
 - (y/n/a): <y>,<n>,<a>

WG electronic ballot ended on Jan 29th

Supporting material

Title: Liaison response to [LS SP-201142](#) on Use of Inclusive Language in 3GPP specifications
From: IEEE 802.1 Working Group
For: Action
Contacts: Glenn Parsons, Chair, IEEE 802.1, glenn.parsons@ericsson.com
Jessy Rouyer, Vice-Chair, IEEE 802.1, jessy.rouyer@nokia.com
Paul Congdon, Chair, IEEE 802.1 Maintenance TG, paul.congdon@tallac.com
János Farkas, Chair, IEEE 802.1 TSN TG, janos.farkas@ericsson.com
Craig Gunther, Vice-Chair, IEEE 802.1 TSN TG, craiggunther@yahoo.com
Paul Nikolich, Chair, IEEE 802, p.nikolich@ieee.org
Karen Randall, Liaison Secretary, IEEE 802.1, karen@randall-consulting.com
Jodi Haasz, Manager, IEEE SA Operational Program Management, j.haasz@ieee.org
To: 3GPP TSG SA
Puneet Jain, Chairman, 3GPP SA2, puneet.jain@intel.com
3GPP Liaisons Coordinator, 3GPPLIaision@etsi.org
Cc: IEEE 1588, IEEE SA, IETF, GSMA, ETSI, OMA, ISO, OneM2M, ITU-T, TTA, ATIS, SAE, 5GAA, IEC, 3GPP TSG RAN, 3GPP TSG CT
Date: January 19, 2021

Dear Colleagues,

The IEEE 802.1 Working Group would like to thank 3GPP TSG SA for the information provided in liaison statement [LS SP-201142](#) on use of inclusive language in 3GPP specifications.

We would like to inform you that efforts are being made in our organization to use more inclusive and neutral language in our standards.

An IEEE SA resolution indicates that: "IEEE standards should be written in such a way as to avoid non-inclusive and insensitive terminology (see IEEE Policy 9.27) and other deprecated terminology (see clause 10 of the IEEE SA Style Manual) except when required by safety, legal, regulatory, and other similar considerations. Terms such as master/slave, blacklist, and whitelist should be avoided.", see the December 2020 entry in <https://standards.ieee.org/about/sasb/resolutions.html>.

IEEE Std 802.1AS is a profile of IEEE Std 1588; therefore, IEEE Std 802.1AS is based on IEEE Std 1588 to a large extent, including terminology. The IEEE 802.1 WG prefers to maintain consistency with IEEE Std 1588 and to align to the terms of IEEE Std 1588, which is being amended by [IEEE P1588g](#) to define suitable and inclusive terminology.

The IEEE 802.1 WG is developing a Project Authorization Request (PAR) on inclusive language for IEEE Std 802.1AS in alignment with [IEEE P1588g](#) and an anticipated update to clause 10 of the IEEE SA Style Manual. We recommend that 3GPP also waits for the finalization of the IEEE 1588 alternative terminology to allow industry standards alignment. We look forward to receiving an update from you.

Note that the IEEE 802 work is open and contribution driven. Participation is on an individual basis and technical discussion can be conducted based on individual contributions. The TSN Task Group holds regular electronic meetings: details are available at <https://1.ieee802.org/wg-calendar>.

Respectfully submitted,
Glenn Parsons
Chair, IEEE 802.1 Working Group