

802.1 Automotive Interim

September 2019

Detroit, MI – hosted by GM

Introduction

John Messenger – IEEE 802.1 Acting WG
Chair

JMessenger@advaoptical.com

Welcome

- Craig Gunther (in absentia)
- John Messenger (802.1 acting chair, ADVA)
- Soheil Samii (host, GM)

Instructions for the WG Chair

The IEEE-SA strongly recommends that at each WG meeting the chair or a designee:

- **Show slides #1 through #4 of this presentation**
- **Advise the WG attendees that:**
 - IEEE's patent policy is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
 - Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
 - There may be Essential Patent Claims of which IEEE is not aware. Additionally, neither IEEE, the WG, nor the WG Chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.
- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
 - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
 - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
 - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.
- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG Chair review the guidance in *IEEE-SA Standards Board Operations Manual* 6.3.5 and in FAQs 14 and 15 on inclusion of potential Essential Patent Claims by incorporation or by reference.

Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE-SA Standards Board.

(Optional to be shown)

Participants have a duty to inform the IEEE

- Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
- Participants should inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims

**Early identification of holders of potential
Essential Patent Claims is encouraged**

Ways to inform IEEE

- **Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or**
- **Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or**
- **Speak up now and respond to this Call for Potentially Essential Patents**

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

Other guidelines for IEEE WG meetings

- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**
 - **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**
 - **Don't discuss specific license rates, terms, or conditions.**
 - Relative costs of different technical approaches that include relative costs of patent licensing terms may be discussed in standards development meetings.
 - **Technical considerations remain the primary focus**
 - **Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.**
 - **Don't discuss the status or substance of ongoing or threatened litigation.**
 - **Don't be silent if inappropriate topics are discussed ... do formally object.**

For more details, see *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and *Antitrust and Competition Policy: What You Need to Know* at <http://standards.ieee.org/develop/policies/antitrust.pdf>

Patent-related information

The patent policy and the procedures used to execute that policy are documented in the:

- ***IEEE-SA Standards Board Bylaws***
(<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>)
- ***IEEE-SA Standards Board Operations Manual***
(<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>)

Material about the patent policy is available at
<http://standards.ieee.org/about/sasb/patcom/materials.html>

**If you have questions, contact the IEEE-SA
Standards Board Patent Committee
Administrator at patcom@ieee.org**

Decorum



- ❑ Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (SASB Ops Manual 5.3.3.3)
- ❑ Photography or recording by permission only (SASB Ops Manual 5.3.3.2)
- ❑ Cell phone ringers off please

802.1 Email reflector

- All announcements are made to the 802.1 Email reflector:

<http://www.ieee802.org/1/private/email2/mail1.html>

- Please subscribe for access to 802.1 documents and announcements.

TSN Automotive bi-weekly calls

- Every two weeks, TSN holds conference calls to progress the TSN Automotive profile P802.1DG.
- Details are here:
 - https://1.ieee802.org/tsn/tsn-task-group-agenda/#Conference_calls
 - <https://1.ieee802.org/tsn-calls/>

802.1 Website

- 802.1 Home page
 - <http://www.ieee802.org/1>
- 802.1 Time Sensitive Networking (TSN)
 - <http://www.ieee802.org/1/tsn>

Thank you for participating

802.1 balloting process

- PAR formation (Project Authorisation Request)
- Editor's draft
- Task Group balloting cycle
 - Everyone can submit comments and vote
- Working Group balloting cycle
 - All received comments (from anyone) will be addressed
 - Working Group members can vote
- Standards Association (was “Sponsor”) balloting cycle
 - All received comments (from anyone) will be addressed
 - SA members and qualified participants can vote
- Approval by IEEE RevCom
- Publication

802.1 Maintenance database

- 802.1 maintains a list of items requiring attention in our existing standards
 - <https://1.ieee802.org/maintenance/>
- The Maintenance Task Group meets regularly to consider and progress maintenance items
- This is the best source of any known problems with the standards

Background material

- IEEE Communication Standards magazine, [Volume 2 issue 2](#), July 2018:
Time Sensitive Networking
 - Several introductory technical articles
 - In-depth articles
- [TSN introduction and tutorial](#)

Participation reminder

- We need your inputs to make this effort a success
- Please make contributions and presentations to the P802.1DG project
- Please review and comment on the draft standard
- Thank you very much for your participation.

Backup slides

802.1 officers

□ Officers

- (Chair: Glenn Parsons)
- Vice Chair and acting Chair: John Messenger
- Recording Secretary and acting Vice Chair: Jessy Rouyer
- Security TG Chair: Mick Seaman
- TSN TG Chair: János Farkas
 - TSN TG Vice Chair: Craig Gunther
 - TSN TG Secretary: Marina Gutiérrez
- IEC/IEEE 60802 Joint Project chair: Ludwig Winkel
 - IEC/IEEE 60802 Joint Project secretary: Josef Dorr
- OmniRAN TG Chair (retiring): Max Riegel
- Maintenance TG chair: Paul Congdon
- Nendica chair: Roger Marks
- YANGsters chair: Scott Mansfield
- Maintenance of website: Paul Unbehagen
- Maintenance of Email exploder: Hal Keen & Mark Hantel

□ Website

- <http://www.ieee802.org/1/>

Future interim meetings

- September 23, 2019
 - TSN interim meeting for 802.1DG hosted by GM in Detroit, prior to [IEEE Ethernet/IP Automotive Tech Day](#)
 - Register by [email](#)
- Jan 20-24, 2020 (workshop Jan 25)
 - Geneva, CH, hosted by 802.3/ITU-T/Nokia
- May 18-22, 2020
 - Ethernet Alliance in North America
- September 21-25, 2020 – Stuttgart proposal

Future plenaries

- November 10-15, 2019 – Waikoloa, HI, USA
 - Hilton Waikoloa Village
- March 15-20, 2020 – Atlanta, GA, USA
 - Hilton Atlanta
- July 12-17, 2020 – Montreal, QC, Canada
 - Sheraton Montreal
- November 8-13, 2020 – Bangkok, Thailand
 - Bangkok Marriott Marquis Queen's Park
- March 14-19, 2021 – Denver, CO, USA
 - Hyatt Regency Denver
- July 11-16, 2021 – Madrid, Spain (to be confirmed)
- November 14-19, 2021 – Vancouver, Canada
 - Hyatt Regency Vancouver only