

# Approved IEEE P802.3cx Improved PTP Timestamping Accuracy (ITSA) Task Force Meeting Minutes

## May 16, 2022, Virtual Meeting

- Minutes prepared by Silvana Rodrigues and Steve Gorshe

### Agenda and General Information Presentation by Steve Gorshe, ITSA Task Force Chair

- Steve Gorshe, meeting and task force chair, begins presenting the [Agenda and General Information](#) slides
- Since this was a virtual meeting, the attendees were not asked to introduce themselves with their affiliations. Instead, the Chair asked them to identify their affiliation in their WebEx user names or in the chat window.
- **Agenda** – Chair presents the agenda for the meeting and asked if anyone had comments, additions or objections for the meeting agenda per slide 2 of the following presentation: [Agenda and General Information](#).
- **Task Force Decorum** - Chair reviewed slide and noted that there should be no recording or photography without permission. The slide included the information prohibiting recording and the requirement for anyone from the press to announce themselves. None responded.
- **Task Force Project Information**– Chair stated that the project information links in the home page have been updated with links to the approved documents.
- **Goals for Meeting** – Chair presented the goals with no comment from attendees
- **Big Ticket Items** – Chair presented the Big-Ticket items aligned to goals with no comments from attendees
- **Reflector and Web** – Chair presented the Task Force reflector and web information. All in attendance were invited to subscribe for Task Force communications and updates.
- **Task Force Private Area** – Chair reminded members of the Task Force Private Area, presented the URL to that private area and presented both the Username and Password to gain access to the URL. Chair also noted that the general IEEE 802.3 Username and Password can be used to access the URL.
- **Ground Rules** – Chair review the meeting ground rules based on IEEE 802.3 Rules.
- **Attendance** – Attendees were reminded of the IEEE 802.3 attendance procedures and asked to follow the link to those procedure for further information. IMAT tool was used for this meeting, Chair provided the password at the meeting.
- **Non-payment of meeting registration fees** – Chair noted that meeting registration fees are required in order to participate in any session during an IEEE 802 plenary, including IEEE 802.3 Task Force meetings. This can also apply to subsequent interim meetings. If the individual is in arrears, then the individual will not be allowed to participate in any future technical meetings. See slide 11 of the agenda deck [Agenda and General Information](#) for a detailed explanation.
- **IEEE 's Patent Policy and IEEE WG Meeting Guidelines (Slides 12-15 or IEEE SA Slides 1-4** – All 4 IEEE SA slides were presented with the Chair highlighting that
  1. IEEE's patent policy is described in Clause 6 of the IEEE SA Standards Board Bylaws where they can be referred to and that the IEEE SA Standards Board Patent Committee Administrator may be contacted with further questions

2. Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged
  3. 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.
  4. Participants have a duty to inform the IEEE 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
- The Chair 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 this standard.
    - No such claims were brought to the Chair's attention.
  - **IEEE Copyright Policy (slides 16-17)** – The chair also reminded attendees of the IEEE copyright policy.
  - **Participation in IEEE 802 Meetings (slides 18-20)** – Chair reviewed the slides
  - **Overview of IEEE 802.3 Standard Process** – Chair reviewed the 802.3 standards process slide. Chair highlighted that the ITSA Task Force is in the Working Group Ballot Phase. It was approved to move to SA ballot after this meeting (see Motion #3 below).
  - **Liaisons and Communications** – Chair noted that there is none at this meeting.
  - **Action Items** – There was none to review for this meeting.
  - **Task Force Approved Project Documents** – Task Force project documents remain unchanged and links to the documents were provided.
  - **Task Force Objectives** – Chair restated the adopted Task Force objectives as updated in January 2022.
  - **Task Force Timelines (slides 26)** – Chair reviewed the timelines.
  - **Agenda (Slide 27)** – Chair presents the agenda for the day
  - Chair put forward a motion for the Task Force to approve the agenda:

**Motion #1: Approve the agenda of the current meeting:**

- Requires >50% (Procedural)
- Moved by: Marek Hajduczenia    Seconded by: Silvana Rodrigues
- PASSES with no objections received
- Meeting agenda posted here:  
[https://www.ieee802.org/3/cx/public/may22/agenda\\_3cx\\_0522.pdf](https://www.ieee802.org/3/cx/public/may22/agenda_3cx_0522.pdf)
- Previous Meeting Minutes - Meeting minutes held on April 14, 2022 (Task Force interim virtual call) are here:  
[https://www.ieee802.org/3/cx/public/april22/Unconfirmed\\_Meeting\\_Minutes\\_ITSA\\_802d3cx\\_0422r1.pdf](https://www.ieee802.org/3/cx/public/april22/Unconfirmed_Meeting_Minutes_ITSA_802d3cx_0422r1.pdf)  
[https://www.ieee802.org/3/cx/public/jan22/Unconfirmed\\_Meeting\\_Minutes\\_ITSA\\_802d3cx\\_0122.pdf](https://www.ieee802.org/3/cx/public/jan22/Unconfirmed_Meeting_Minutes_ITSA_802d3cx_0122.pdf)

- Chair asked if any attendee had any comment regarding the meeting Minutes. None were received.
- Chair put forward the following motion:

**Motion #2: Approve the meeting minutes of April 14, 2022:**

[https://www.ieee802.org/3/cx/public/april22/Unconfirmed\\_Meeting\\_Minutes\\_ITSA\\_802d3cx\\_0422r1.pdf](https://www.ieee802.org/3/cx/public/april22/Unconfirmed_Meeting_Minutes_ITSA_802d3cx_0422r1.pdf)

- Requires >50% (Procedural)
- Moved by: Silvana Rodrigues      Seconded by: Marek Hajduczenia
- PASSES with no objections received
- Approved meeting minutes from April 14, 2022 are officially here:  
[https://www.ieee802.org/3/cx/public/april22/Approved\\_Meeting\\_Minutes\\_ITSA\\_802d3cx\\_0422.pdf](https://www.ieee802.org/3/cx/public/april22/Approved_Meeting_Minutes_ITSA_802d3cx_0422.pdf)
- **Presentations** – In addition to this presentation ([Agenda and General Information](#)), there are other items on the agenda to be reviewed. Chair introduced the agenda items and introduced the first item on the agenda.

## P802.3cx Comment Resolution

### Presentation #1 – Review of comments on draft D2.4, Marek Hajduczenia (Chief Editor), Charter Communications

- The Editor started the comment resolution per  
[https://www.ieee802.org/3/cx/comments/802d3cx\\_D2\\_4\\_proposed.pdf](https://www.ieee802.org/3/cx/comments/802d3cx_D2_4_proposed.pdf)
- All comments have been discussed and resolved.
- The approved responses to all P802.3cx D2.4 comments were posted after the meeting here:  
[https://www.ieee802.org/3/cx/comments/802d3cx\\_D2\\_4\\_approved.pdf](https://www.ieee802.org/3/cx/comments/802d3cx_D2_4_approved.pdf)
- Chair put forward the following motion:

**Motion #3: To authorize the editor to produce D3.0 on the basis of D2.4 closed comments and proceed to IEEE SA ballot**

- Requires >75% (Technical)
- Moved by: Marek Hajduczenia      Seconded by: Clark Carty
- PASSES with no objections received

## FUTURE MEETINGS

- Possibly a meeting will be scheduled in June 2022 for SA ballot comment resolution.
- An IEEE 802.3cx meeting will be scheduled during the IEEE 802 plenary meeting in July, it will be a hybrid meeting. For those attending in-person, it will be in Montreal, Canada. A fee is required to attend this meeting either virtual or in-person.
- The interim meeting in September will be a virtual meeting.

## New Business

- There was no new business

## Adjourn

- TF Chair announced that the meeting had completed the agenda items and put forward a motion to adjourn the meeting.

### **Motion #4: To adjourn the meeting**

- Requires >50% (Procedural)
- Moved by: Marek Hajduczenia      Seconded by: Silvana Rodrigues
- PASSES with no objections received

## Attendance

IEEE 802.3cx Improved PTP Timestamping Accuracy Virtual Task Force Meeting May 16, 2022				May 16th				
By choosing to attend and sign in to this meeting, you acknowledge and agree that your personal data will be documented for IEEE standards development purposes to comply with policies and procedures, legal and accreditation requirements, and evaluation of patent claims by patent offices. See Front Page for additional information.								
Last Name	First Name	Employer	Affiliations	Mon.				
Armstrong	Greg	Renesas	Renesas	x				
Baggett	Tim	Microchip	Microchip	x				
Bordogna	Mark	Intel	Intel	x				
Brooks	Paul	VIAVI	VIAVI	x				
Brown	Blake	UNH-IOL	UNH-IOL	x				
Carty	Clark	Cisco	Cisco	x				
Estes	Dave	Spirent	Spirent	x				
Fischer	Peter	BKS Kabel-Service	BKS Kable-Service	x				
Gorshe	Steve	Microchip	Microchip	x				
Grow	Robert	RMG Consulting	RMG Consulting, KDPOF	x				
Hajduczenia	Marek	Charter	Charter	x				
He	Xiang	Huawei	Huawei	x				
Huber	Tom	Nokia	Nokia	x				
Jones	Peter	Cisco	Cisco	x				
Laubach	Mark	Tidbit Communications	Tidbit Communications	x				
McKeown	Shane	Calnex	Calnex	x				
McMillan	Larry	Western Digital	Western Digital	x				
Mirfakhraei-Zeku	Khashayar			x				
Mueller	Harald	Endress+Hauser	Endress+Hauser	x				
Nakamoto	Ed	Spirent	Spirent	x				
Namvar	Nima	Charter	Charter	x				
Nicholl	Gary	Cisco	Cisco	x				

Nicholl	Shawn	AMD	AMD	x				
Rodrigues	Silvana	Huawei	Huawei	x				
Schreiner	Stephan	Rosenberger	Rosenberger	x				
Slavick	Jeff	Broadcom	Broadcom	x				
Tazebay	Mehmet	Broadcom	Broadcom	x				
Toyserkani	Pirooz	Cisco	Cisco	x				
Tse	Richard	Microchip	Microchip	x				
Tsujita	Yuichi	Nitto	Nitto	x				
Turner	Max	Ethernovia	Ethernovia	x				