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

July 13, 2022, Hybrid Virtual / Montreal, Canada 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 hybrid meeting, the attendees were not asked to introduce themselves with their affiliations, but attendees attending the meeting virtually, 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 slides (General Decorum, In-Person Decorum, and Teleconference Decorum), 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 presented the project information and related links in the home page.
- **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 plenary meeting with no password. There was an attendance log for attendees attending the meeting in-person. Chair stated that the attendance for this meeting is based on the attendance log for those attending in-person and WebEx for those attending remotely.
- **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. If the individual is in arrears, then the individual will not be allowed to participate in any future technical meetings, including IEEE 802.3 interim meetings. See slide 13 of the agenda deck Agenda and General Information for a detailed explanation.
- **IEEE 's Patent Policy and IEEE WG Meeting Guidelines (Slides 14-17 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 bought to the Chair's attention.
- **IEEE Copyright Policy (slides 18-19 or IEEE SA Slides 3-4)** – The chair also reminded attendees of the IEEE copyright policy.
  - **Participation in IEEE 802 Meetings (Slides 20-22 or IEEE SA Slides 1-3)** – 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 this meeting will consider an outgoing liaison to ITU-T SG15 Q13 (see Motion #6 below).
  - **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 28) –** Chair reviewed the timelines. Chair proposed to update the timeline (see Motion #5 below).
  - **Agenda (Slide 29) –** 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/july22/agenda_3cx_a_0722.pdf

- Previous Meeting Minutes - Meeting minutes held on May 16, 2022 (Task Force interim virtual call) are here:
https://www.ieee802.org/3/cx/public/may22/Unconfirmed_Meeting_Minutes_ITSA_802d3cx_0522r1.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 May 16, 2022:

  https://www.ieee802.org/3/cx/public/may22/Unconfirmed_Meeting_Minutes_ITSA_802d3cx_0522r1.pdf
- Requires >50% (Procedural)
- Moved by: Silvana Rodrigues   Seconded by: Clark Carty
- PASSES with no objections received

- Approved meeting minutes from May 16, 2022 are officially here:
https://www.ieee802.org/3/cx/public/may22/Approved_Meeting_Minutes_ITSA_802d3cx_0522.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 D2.5.1, Marek Hajduczenia (Chief Editor), Charter Communications

- The Editor started the comment resolution per
https://www.ieee802.org/3/cx/comments/802d3cx_D2_51_proposed.pdf
- There was only one editorial comment that has been discussed and resolved.
- The editor presented the revised draft based on the resolution of comment #586.
- The approved response to the P802.3cx D2.5.1 comment was posted after the meeting here:
https://www.ieee802.org/3/cx/comments/802d3cx_D2_51_approved.pdf
- Chair put forward the following motion:

Motion #3: To authorize the editor to produce D3.0 on the basis of D2.5.1 closed comments and proceed to initial IEEE SA ballot

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

Motion #4: To request IEEE 802.3 WG unconditional approval to progress the IEEE P802.3cx draft to SA ballot based on successful Working Group ballot completion.

- Requires >75% (Technical)
- Moved by: Marek Hajduczenia   Seconded by: Clark Carty

- PASSES with no objections received

Timeline

- Chair presented the updated timeline per slide 28 of agenda_3cx_a_0722.

Motion #5: To adopt the proposed updated IEEE P802.3cx timeline from agenda_3cx_a_0722

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

Liaisons

- Chair presented a liaison to ITU-T SG15 Q13 on P802.3cx status:

https://www.ieee802.org/3/cx/public/july22/gorshe_3cx_01_0722.pdf

Motion #6: To approve the draft liaison response from IEEE 802.3 to ITU-T Q13/15 contained in gorshe_3cx_01_0722 with draft D3.0 attached

- Requires >75% (Technical)
- Moved by: Tim Baggett   Seconded by: Peter Jones
- PASSES with no objections received

FUTURE MEETINGS

- Possibly a meeting will be scheduled in August 2022 to resolve D3.0 SA ballot comments.
- An IEEE 802.3cx meeting will be scheduled during the IEEE 802 interim meeting in September. It will be virtual.
- Possibly a Task Force interim meeting will be scheduled in September/October to resolve D3.1 comments for first re-circulation SA ballot. It will be virtual.
- An IEEE 802.3cx meeting will be scheduled during the November IEEE 802 Plenary meeting in Bangkok.

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 Task Force July 13, 2022, IEEE 802.3 Plenary Montreal, Canada				July 13th			
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	Wed.			
Akin	Sami	VW AG	VW AG	x			
Baggett	Tim	Microchip	Microchip	x			
Brychta	Robert	Analog Devices	Analog Devices	x			
Carty	Clark	Cisco	Cisco	x			
de Koos	Andras	Microchip	Microchip	x			
Fellhauer	Felix	Robert Bosch	Robert Bosch	x			
Gendron	Robert	exfo	exfo	x			
Gorshe	Steve	Microchip	Microchip	x			
Gubow	Marty	Keysight	Keysight	x			
Guendert	Steve	IBM	IBM	x			
Haasz	Jodi	IEEE SA	IEEE SA	x			
Hajduczenia	Marek	Charter	Charter	x			
Jones	Peter	Cisco	Cisco	x			
Lennartsson		Kvaser AB	Kvaser AB	x			
Noseworthy	Bob	UNH-IOL	UNH-IOL	x			
Parkholm	Ulf	Ericsson	Ericsson	x			
Regev	Alon	Keysight	Keysight	x			
Rodrigues	Silvana	Huawei	Huawei	x			
Stewart	Ethan	UNH-IOL	UNH-IOL	x			
Sydow	Carsten	MaxLinear	MaxLinear	x			
Tse	Richard	Microchip	Microchip	x			