

Unconfirmed Meeting Minutes:  
**IEEE 802.3 Improved PTP Timestamping Accuracy Study Group**

September 12, 2019  
Indianapolis, IN, USA

Prepared by Dino Pozzebon

IEEE 802.3 Improving PTP Timestamping Accuracy Study Group meeting convened at 1:00 PM, Thursday, September 12, 2019 by David Law, 802.3 Working Group Chair. Attendance is listed in Appendix A

**ADMINISTRATIVE MATTERS**

Mr. Law explained that the Working Group chair appoints the study group Chair, and the study group would confirm the appointment. Mr. Law then reminded the group that he had announced his intention to appoint Steve Gorshe Study Group Chair at the July 2019 Closing Plenary, and he then appointed Steve Gorshe Study Group Chair.

Mr. Law appointed Dino Pozzebon as recording secretary for this session.

**Motion #1:** Confirm Steve Gorshe as the IEEE 802.3 Improving PTP Timestamping Accuracy Study Group Chair.

**M:** Steve Trowbridge **S:** Marek Hajduczenia

**Y: 11 N: 0 A: 0**

**MOTION PASSES (>= 75%)**

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Mr. Law turned the meeting over to Study Group Chair Steve Gorshe.

**STUDY GROUP CHAIR TAKES OVER MEETING**

Study Group Chair, Steve Gorshe, took over chairing the meeting, The Chair called for participants to introduced themselves and announce their affiliations. All participants in the room did so. Chair proceeded with the first presentation related to General Information and Agenda for the meeting.

**Presentation:** [agenda\\_r1\\_itsa\\_0919.pdf](#)

**Presenter:** Steve Gorshe, Chair.

Study group chair presented the agenda and asked for approval on the agenda

**Motion #2:** Approve the agenda from [agenda\\_r1\\_itsa\\_0919.pdf](#)

**Approved by voice vote without objection (Procedural > 50%)**

The Chair then resumed presenting

**Study Group Decorum** - Chair reviewed slide and noted that there should be no recording or photography without permission. Chair asked if anyone was attending from the press including those who would run a public blog on this meeting – none responded.

**Goals for Meeting** – Chair presented the goals for the meeting was to create Task Force objectives, PAR, CSD (5 Criteria) in preparation for project request at November 2019 Plenary. There was no discussion on the goals.

**Big Ticket Items** – Chair presented the Big Ticket items for this meeting would be to review and discuss proposal presentations for study group Objectives, PAR and CSD.

**Reflector and Web** – Chair presented the study groups reflector and web information. All in attendance were invited to subscribe for study group communications and updates.

**Ground Rules** – Chair review the meeting ground rules based on IEEE 802.3 Rules.

IEEE Structure, bylaws & misc – Chair review the IEEE SA structure including a review of how 802.3 WG and the study group is located within the structure. The important bylaws and rules were pointed out for all to refer is needed or of interest. Guidelines for IEEE SA meeting were reviewed with the chair reading out the top of page bullets on the slide. Chair invited study group to reference to links at bottom of slide for more information regarding the page's bullets. Chair also reviewed the IEEE 802 Participation slide reminding all in attendance that participation was on an individual basis, based on qualifications or experience. No comments were collected from those in attendance regarding any of this latter presented material.

**Overview of IEEE802.3 Standard Process** – Chair reviewed the standards process slides and reminded the study group where in the process this study group was (see You are here on slide 1 of 5).

**The Study Group** – Chair presented a high-level summary of an IEEE SA study group's purpose, duration and expectations.

**Request for Formation of Study Group** – Chair review reviewed the WG motion from the July 2019 plenary meeting of the 802.3 WG (Motion#19) to establish the Study Group.

**Liaisons** - The Chair moved to Liaisons and noted that there were no liaisons for the Study Group at this time.

**Action Items** - The Chair moved to Action Items and noted that there were no liaisons for the Study Group at this time.

**Attendance** - Chair advised the group of the IEEE meeting attendance tool and procedures, including both the attendance sheet and the web attendance tracking tool.

## **PRESENTATIONS**

The Chair then moved to the presentations for the meeting.

**Title:** Proposed Draft Objectives ([gorshe itsa 01 0919.pdf](#))

**Presenter:** Steve Gorshe, Chair, Microchip Technologies

Mr. Gorshe presented a first proposal for the task force objectives. Proposal was a starting point upon which the study group debated and refined.

A modified and final text for the objectives was agreed upon by the study group as drafted in [gorshe itsa 01a 0919.pdf](#).

**Motion #3:** Move to adopt the “Improved PTP Timestamping Accuracy Task Force” objectives from [gorshe itsa 01a 0919.pdf](#).

**Technical (>=75%)**

**Moved by:** Steve Trowbridge **Seconded by:** Pete Anslow

**Y: 18 N: 0 A: 0**

**MOTION PASSES (>= 75%)**

**Title:** Proposed Draft PAR ([gorshe itsa 02 0919.pdf](#))

**Presenter:** Steve Gorshe, Chair, Microchip Technologies

Mr. Gorshe presented a first proposal for the task force PAR. Proposal was a starting point upon which the study group debated and refined.

A modified and final text for the PAR was agreed upon by the study group as drafted in [gorshe itsa 02a 0919.pdf](#).

**Motion #4 :** Move to adopt the “Improved PTP Timestamping Accuracy Task Force” PAR from [gorshe itsa 02a 0919.pdf](#)

**Technical (>=75%)**

**Moved by :** Pete Anslow **Seconded by:** Dino Pozzebon

**Y: 21 N: 0 A: 0**

**MOTION PASSES (>= 75%)**

**Title:** Proposed Draft CSD ([gorshe itsa 03 0919.pdf](#))

**Presenter:** Steve Gorshe, Chair, Microchip Technologies

Mr. Gorshe presented a first proposal for the task force CSD. Proposal was a starting point upon which the study group debated and refined.

A modified and final text for the CSD was agreed upon by the study group as drafted in [gorshe itsa 03a 0919](#).

**Motion #5 :** Move to adopt the CSD responses for the “Improved PTP Timestamping Accuracy Task Force” from [gorshe itsa 03a 0919.pdf](#)

**Technical (>=75%)**

**Moved by:** Steve Trowbridge **Seconded by:** Pete Anslow

**Y: 20 N: 0 A: 0**

**MOTION PASSES (>= 75%)**

**Submitting of the PAR document**

Following voting approval of the task force objectives, PAR and CSD, Mr. Law and study group chair, Steve Gorshe, moved forward to complete and submit the Task Force PAR document and confirm the task force CSD and objectives slides.

[P802 3cx PAR 190912.pdf](#)

[P802 3cx CSD 190912.pdf](#) unchanged from [gorshe\\_itsa\\_03a\\_0919](#)

[P802 3cx Objectives 190912.pdf](#), which contains the objectives from [gorshe\\_itsa\\_01a\\_0919.pdf](#)

## **FUTURE MEETINGS**

Chair reviewed future meetings locations from the agenda presentation and asked for a show of hands on potential study group attendance at those meetings.

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November (Hawaii)

I will attend the Study Group meeting: 12

I may attend the Study Group meeting: 8

I will not attend the Study Group meeting: 1

January (Geneva)

I will attend the Study Group / Task Force meeting : 7

I may attend the Study Group / Task Force meeting : 12

I will not attend the Study Group / Task Force meeting : 2

## **Adjournment**

**Motion #6:** To adjourn the meeting

**(Procedural > 50%)**

**Moved by:** Dino Pozzebon      **Seconded by:** Richard Tse

**Motion Passes by Voice without Opposition**

## Appendix A - Attendance

<b>IEEE 802.3 Improving PTP Timestamping Accuracy SG IEEE 802.3 Interim Sept. 2019</b>				Day 1 Sept. 9	Day 2 Sept. 10	Day 3 Sept. 11	Day 4 (date)
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	Mo n	Tue s	Wed	Thurs
Anslow	Pete	Ciena	Ciena				x
Aranda	Perez	KDPOF	KDPOF				x
Bordogna	Mark	Intel	Intel				x
Bruckman	Leon	Huawei	Huawei				x
Butter	Adrian	Avera Semi	Avera Semi				x
Chalupsky	David	Intel	Intel				x
Dambrosia	John	Futurewei	Futurewei (U.S. subsidiary of Huawei)				x
Gorshe	Steve	Microchip	Microchip				x
Grow	Robert	RMG Consulting	RMG Consulting, KDPOF				x
Hajduczenia	Marek	Charter	Charter				x
Laubach	Mark	Broadcom	Broadcom				x
Law	David	HPE	HPE				x
Lee	Sylvanus	Leviton	Leviton				x
Maki	Jeffery	Juniper Networks	Juniper				x
Maniloff	Eric	Ciena	Ciena				x
McMillan	Larry	Western Digital	Western Digital				x
Nowell	Mark	Cisco	Cisco				x
Ofelt	David	Juniper Networks	Juniper				x
Pittala	Fabio	Huawei	Huawei				x
Powell	Bill	Nokia	Nokia				x
Pozzebon	Dino	Microchip	Microchip				x
Sprague	Ted	Infinera	Infinera				x
Stassar	Peter	Huawei	Huawei				x
Trowbridge	Steve	Nokia	Nokia				x
Tse	Richard	Microchip	Microchip				x