

# IEEE P802.3cx Improving PTP Timestamping Accuracy Task Force Report

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Virtual  
November 2020

# IEEE P802.3cx Improving PTP Timestamping Accuracy Task Force Project information

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## Task Force Organization

Steve Gorshe, IEEE P802.3cx Task Force Chair

Dino Pozzebon, IEEE P802.3cx Task Force Secretary

Marek Hajduczenia, IEEE P802.3cx Task Force Chief Editor

## Task force web and reflector information

Reflector information: <http://www.ieee802.org/3/cx/reflector.html>

Home page: <http://ieee802.org/3/cx/index.html>

PAR: [http://www.ieee802.org/3/cx/P802d3cx\\_PAR.pdf](http://www.ieee802.org/3/cx/P802d3cx_PAR.pdf)

[CSD]5C]: <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0220-00-ACSD-p802-3cx.pdf>

Objectives: [http://www.ieee802.org/3/ITSA/P802\\_3cx\\_Objectives\\_190912.pdf](http://www.ieee802.org/3/ITSA/P802_3cx_Objectives_190912.pdf)

Timeline to be approved

Private Area: <http://www.ieee802.org/3/cx/private/index.html>

# IEEE P802.3cx Improving PTP Timestamping Accuracy Activities since July 2020 plenary

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Met during the September interim meeting series

Major items discussed, decisions made and actions

Baseline text was adopted for handling the impact of AM insertion/removal and associated Idle removal/insertion

Further clarification and new questions were discussed regarding the impact of multi-PCS lane distribution

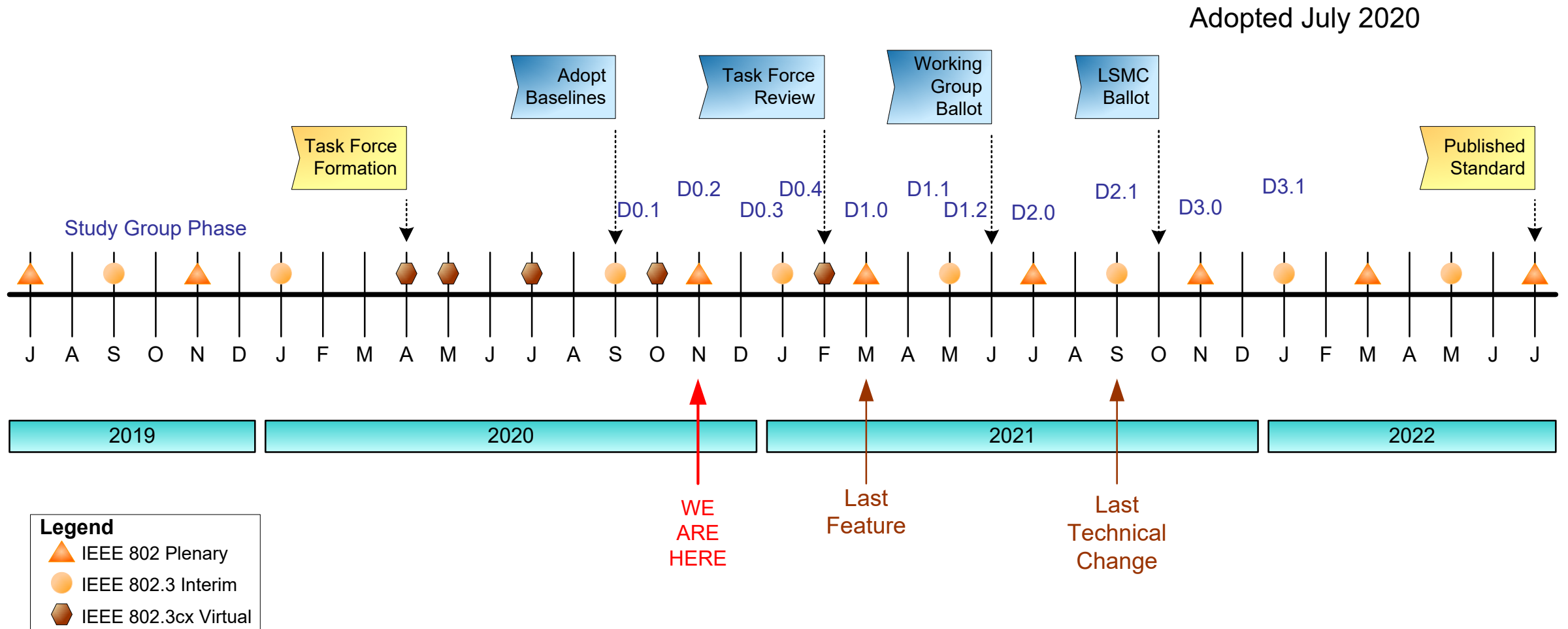
New issue was introduced regarding transmitter skew that is uncorrelated with other skew sources

The last two items, were discussed further during the October Ad Hoc meeting

Current status

Baseline text adopted for one of the four items, and adoption is expected for two others at the November meeting

# IEEE P802.3 P802.3cx Improving PTP Timestamping Adopted timeline



# IEEE P802.3 P802.3cx Improving PTP Timestamping Plans

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## Goals for the plenary session meeting(s)

*Continue to work on selection of a set of baseline proposals*

## Big ticket items

1. *Approach and baseline text associate with multi-PCS lane skew*
2. *Baseline text associated with transmitter skew*

## Future

*Continued technical analysis of the issues and building agreements for the best solution to the remaining open issues, including the timestamp reference point.*

Questions?

Thank you!