

Editor's Report 60802 Draft 1.2

**June 18, 2021
IEC/IEEE 60802 Joint Project Call**



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Current Status

- All comments have been resolved
- Work on d1.3 has begun. 690 of 959 comments have been implemented.
- Remaining steps:
 - Finish implement comments.
 - Incorporate contributions.
 - Editorial review versus data base to ensure all comments have been addressed.
 - Publish for TG ballot

Comments 331, 332, 333, 334, 335, 336

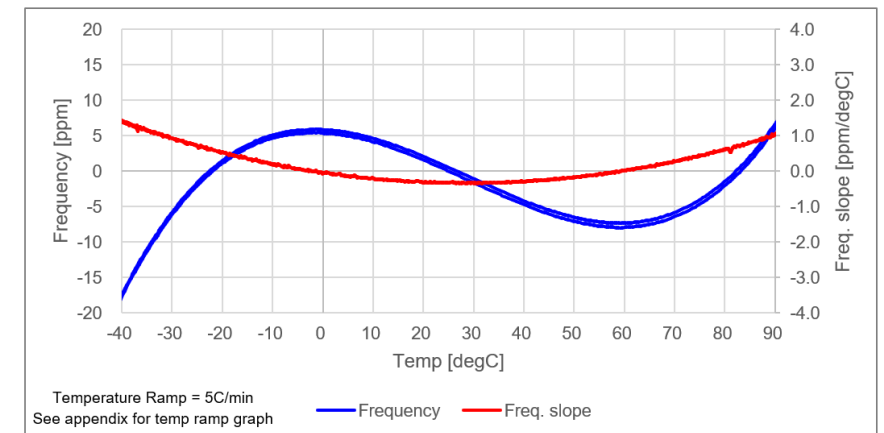
- Several comments requested specifically listing the MAU types supported
- Other comments requested eliminating MAU types that weren't in the range of 10 Mb/s to 10 Gb/s
- Response:
 - The MAU types will be broken out. If the editor feels that some of the MAU types are not appropriate, he will bring a contribution to the group. Items d), k), l) and m) will also be broken out. Item g) is a SPE standard and will be listed separately.
- Editor has received feedback asking why we're limiting our PHY choices. Is this the approach we want to take?
- In the editor's opinion, we are not limiting or preventing the implementer for supporting other MAU types, we are simply limiting the scope of our conformance requirements.

MAU Types in d1.3

5.6.1 Item	Bandwidth	MAU Types Included	MAU Types Excluded
a	100 Mbps baseband networks	100BASE-TX 100BASE-FX	100BASE-T2 100BASE-T4
d	1000 Mbps Baseband Networks	1000BASE-T 1000BASE-SX	1000BASE-TX (Telecom) 1000BASE-CX (COAX) 1000BASE-KX (Backplane) 1000BASE-LX (long reach fiber) 1000BASE-LX10 (long reach fiber) 1000BASE-BX10 (long reach fiber) 1000BASE-RHx (POF)
e	10 Gbps Baseband Networks	10GBASE-T 10GBASE-SR	10GBASE-CX4 10GBASE-LR, (long reach) 10GBASE-LRM, (long reach multi-mode) 10GBASE-ER (extended reach) 10GBASE-LX4 10GBASE-PR
g	100 Mbps SPE	100BASE-T1	None
h	1000 Mbps SPE	1000BASE-T1	None
k	25 Gbps Baseband Networks	None (item deleted)	All
l	200 Gbps and 400 Gbps Baseband Networks	None (item deleted)	All
m	2,5 Gbps and 5 Gbps Baseband Networks	2.5GBASE-T 2.5GBASE-T1L 5GBASE-T 5GBASE-T1L	None
n	10 Mbps SPE	10BASE-T1L	None

Time Sync Simulation work

- Time sync simulations have provided good confidence that that the 1 us goal for dynamic time error relative to the GM across 64 hops is achievable using IEEE 802.1AS-2020
- We must now establish what will be measurable normative requirements for time synchronization:
 - Residence time
 - Message intervals (sync, pdelay, etc.).
 - ???
- Contributions are forthcoming



Other anticipated contributions

- Contribution providing example quantities for small, medium and large networks
 - Specific “Quantity” parameters which must be reported in the PCS proforma
- Further refinement of the management model
- Discovery and management of the bridges and end stations in a bridged end station model.
- Distributed management model
- Security model

Thank you