Liaison Communication

Source: Automotive SerDes Alliance (ASA)

To: David Law — Chair, IEEE 802.3 Ethernet Working Group
[redacted]

CC: Adam Healey — Vice-chair, IEEE 802.3 Ethernet Working Group
[redacted]

Jon Lewis — Secretary, IEEE 802.3 Ethernet Working Group
Chair, IEEE P802.3dm Asymmetrical Electrical Automotive Ethernet Task Force
[redacted]

From: Christoph Arndt — Chair, Automotive SerDes Alliance
[redacted]

Subject: Liaison of ASA Motion Link specification V2.1

Dear Mr. Law,

The Automotive SerDes Alliance (ASA) is a non-profit industry alliance of automotive technology providers participating in the alliance for the establishment of specifications and standards for automotive connectivity technology. ASA was founded in 2019 and currently has over 165 member entities.

In May 2024, ASA released its updated “ASA Motion Link” transceiver specification v2.0, which includes an Ethernet Physical Layer for operation over coaxial and STP media, optimized for automotive applications including end-node cameras and sensors. This enhancement, titled ASA-MLE, supports Ethernet data rates up to 10 Gbps in one direction and a lower data rate in the other direction. It also includes a method to connect existing Ethernet MACs to the Asymmetrical Physical Layer using existing Media Independent Interfaces.

We are pleased to inform you that a new version of the ASA Transceiver Specification, version 2.1, is now available. We believe this specification update could be of interest to the Task Force 802.3dm and we are therefore liaising the ASA Transceiver Specification v2.1 with the IEEE 802.3dm Task Force for coordination. We intend to liaise also future updates to the IEEE 802.3dm as soon as practical. We request that IEEE 802.3dm limit access to these specifications and drafts to IEEE 802.3dm participants only.

Should you have any questions or require additional information, please don’t hesitate to reach out.

Thank you for your attention to this matter.

Best regards,

[redacted]

Christoph Arndt
Chair, Automotive SerDes Alliance