IEEE 802.3 Ethernet Working Group
Liaison Communication

Source:	IEEE 802.3 Working Group[1]	
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Subject:	Liaison letter requesting establishing a Category A liaison with IEEE 802.3	
Approval:	Agreed to at IEEE 802.3 Plenary meeting, San Antonio, TX, USA, 10th November 2016	

Dear Akiyama-san,

Thank you for your letter of 3rd October 2016. The IEEE 802.3 Working Group is pleased to accept the request for a Category A liaison with ISO TC22 SC32.

The IEEE 802.3 Working Group has become quite active in developing specifications for adapting Ethernet for vehicular applications. This is primarily done through amendments to IEEE Std 802.3-2015. IEEE Std 802.3bw-2015 added 100 Mb/s single twisted-pair capability. IEEE Std 802.3bp-2016 added 1000 Mb/s single twisted-pair capability. IEEE Std 802.3br-2016 added the ability to intersperse express (high priority) traffic with lower priority traffic. And, as you are certainly aware, IEEE P802.3bv is developing an amendment specifying 1000 Mb/s operation over plastic optical fiber.

[1] This document solely represents the views of the IEEE 802.3 Working Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.

At the November 2016 IEEE 802 plenary meeting approval was granted to submit the IEEE P802.3cg Physical Layer Specifications and Management Parameters for 10 Mb/s Operation over Single Balanced Twisted-pair Cabling and Associated Power Delivery Project Authorization Request (PAR). It may also be of interest that at the November 2016 IEEE 802 plenary meeting, the IEEE 802.3 Working Group initiated a study group to determine the need, and if needed, the scope of work for muiti-gigabit vehicular Ethernet capabilities.

We look forward to working together in the future to accelerate the adoption of Ethernet into road vehicles.

Sincerely,
David Law
Chair, IEEE 802.3 Ethernet Working Group