P802.3ch PAR (changes)

2.1 Title: Standard for Ethernet: Physical Layer Specifications and Management Parameters for greater than 1 Gb/s Automotive Ethernet.

5.2B Scope of the Project: Specify additions to and appropriate modifications of IEEE Std 802.3 to add greater than 1 Gb/s Physical Layer (PHY) specifications and management parameters for media and operating conditions for applications in the ~~vehicular~~ automotive environment.

5.5 Need for the Project: Applications in ~~vehicular~~ automotive industries have begun the transition of legacy automotive networks to Ethernet to support Advanced Driver Assist Systems. This has generated a need for data rates greater than 1 Gb/s in the ~~vehicular~~ automotive environment. IEEE Std 802.3 does not currently support rates greater that 1 Gb/s in the ~~vehicular~~ automotive environment.

5.6 Stakeholders for the Standard: End-users, vendors, system integrators, and providers of systems and components (e.g., sensors, actuators, instruments, controllers, network infrastructure, user interfaces, and servers) for ~~vehicular~~ automotive applications.

All changes per comments from 802.11