Mr. Ray Emplit Chair, TIA TR42
remplit@harger.com

Date: July 1, 2014

To: David Law, IEEE 802.3 Working Group Chair, dlaw@hp.com

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RE: TR-42 Liaison to IEEE 802.3 Working Group

Dear Mr. Law,

In May 2014 the Telecommunications Industry Association (TIA) announced the formation of a TIA TR-42.7 task group in support of "High Performance Structured Cabling (HPSC) Applications". The scope of this task group is to identify, analyze, and recommend use cases (e.g., switch fabric architectures, end-of row, and top-of-rack) for high performance structured cabling (HPSC) application environments utilizing high speed applications such as the existing IEEE 802.3 standard for 10GBASE-T and the proposed IEEE 802.3 standard for 40GBASE-T. These use cases can be incorporated in data center or premise designs including equipment rooms (ER), server rooms, laboratories, and high bandwidth technology spaces.

The task group is to develop a technical system bulletin (TSB), initially titled "High Performance Structured Cabling (HPSC) Applications". The information in the TSB document can then be used as a guide when designing networks and facilities for existing or future high speed applications, including 40GBASE-T. The task group is expected to complete its documentation by December 2014.

As this TSB is focused on designing networks and facilities in support of IEEE 802.3 applications such as 40GBASE-T we would appreciate any input regarding this initiative.

Sincerely,

Ray Emplit
Chair, TIA TR-42