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INTERCONNECTION OF INFORMATION TECHNOLOGY EQUIPMENT  
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**Working Group 3 “Customer Premises Cabling”**

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**ISO/IEC JOINT TECHNICAL COMMITTEE 1**

SUBCOMMITTEE No.25: INTERCONNECTION OF  
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**Liaison to IEEE 802.3: Updated status of standardization of connectors for Single Pair  
Data Transmission applications**

Dear David,

further to our previous communication on the various aspects of SPE, we are pleased to provide you with the following update on SPE connector standardization, which we just received from IEC/SC 48B as a result of their meetings this week:

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IEC SC48B is currently working on the following seven projects:

- (1) A basic standard, IEC 63171. This standard is currently at CD stage and covers general requirements particularly common transmission properties.  
CDV by December 2019.
- (2) IEC 63171-1 Ed.1 (2020), Connectors for Electrical and Electronic Equipment – Part 1: Detail specification for 2-way, shielded or unshielded, free and fixed connectors: mechanical mating information, pin assignment and additional requirements for TYPE 1 / Copper LC Style.**  
Approved CDV. FDIS circulation (scheduled) by November 2019.
- (3) IEC 63171-2, product standard, CD stage completed; progressing to CDV stage by November 2019
- (4) IEC 63171-3, product standard, CD stage (to be withdrawn)
- (5) IEC 63171-4, product standard, CD stage completed; progressing to CDV stage.
- (6) IEC 63171-5, product standard, CD stage completed; progressing to CDV stage.

NOs (2) to (6), which are parts 1, 2, 3, 4, 5 of the series, are under alignment with the general document (1). All these documents are handled by SC48B/PT63171.

**(7) IEC 63171-6 Ed.1: (2020), Connectors for Electrical and Electronic Equipment - Part 6: Detail specification for 2-way and 4-way (data/power), shielded, free and fixed connectors for power and data transmission with frequencies up to 600 MHz**  
Approved CDV. FDIS circulation (scheduled) by October 2019.

This document is handled by IEC SC48B/WG3.

These IEC numbers and titles are the final ones that will be on the published standards.

We trust that this update provides useful information to your experts and are looking forward to keep IEEE 802.3 updated on the progress.

Best regards,

Albrecht Oehler  
Convenor, ISO/IEC JTC 1/SC 25/WG 3