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ISO/IEC JTC 1/SC 25
INTERCONNECTION OF INFORMATION TECHNOLOGY EQUIPMENT
Secretariat: Germany (DIN)

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TITLE:	**Liaison from ISO/IEC JTC 1/SC 25 to IEEE 802.3 on copper qualification**
SOURCE:	**SC 25/WG3 convener** **(ISO/IEC JTC 1/SC 25/WG 3(San Juan/WG 3)072A)**
PROJECTs:	**25. 03.16-04**
STATUS:	**liaison report approved by SC 25/WG 3** **(NGEABT liaison letter to IEEE 802.3)**
ACTION ID:	**FYI**
REQUESTED ACTION:	**To IEEE 802.3 for consideration** **to SC 25 for information**
DUE DATE:	**N/A**
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No of Pages:	**2 (including cover)**
DISTRIBUTION:	**ITTF, JTC 1 Secretariat** **P-, L-, O-Members of SC 25,** **IEEE 802.3**

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ISO/IEC JOINT TECHNICAL COMMITTEE 1

SUBCOMMITTEE No.25: INTERCONNECTION OF
INFORMATION TECHNOLOGY EQUIPMENT

58th. Meeting of WG 3
San Juan Puerto Rico, 2015-02 to 06

Date: March 6, 2015

Title: Liaison from ISO/IEC JTC 1/SC 25 to IEEE 802.3 on copper qualification

To
David Law, IEEE 802.3 Working Group Chair, dlaw@hp.com
CC
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Alan Flatman, Liaison, IEEE liaison, (a_flatman@tiscali.co.uk)
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Matei Cocimarov, IEC Technical Officer (mco@iec.ch)

Dear Mr. Law,

In March 2015, ISO/IEC JTC 1/SC 25/WG 3 agreed to create a NWIP titled "Guidelines for the use of installed cabling to support 2,5GBASE-T and 5GBASE-T" in support of these two applications under consideration by IEEE 802.3. The scope of this project is to develop a Technical report that will address the evaluation of installed cabling including testing requirements and may also recommend possible mitigation procedures that can be used to qualify installed cabling. Some of the issues identified during discussions in WG3 include:

1. **The IEEE 802.3 statement to "Select copper media from ISO/IEC 11801:2002 with any appropriate augmentation to be developed through work of 802.3 in conjunction with ISO/IEC JTC 1/SC 25/WG 3 and TIA TR42."**

2. Class E is specified up to 250 MHz and Class D up to 100 MHz.
   We would appreciate information on the maximum frequency you expect.

3. Alien crosstalk is not specified for either Class D or Class E.
   Do you foresee a need to qualify that for this installed base?
4. Are there any other parameters that may need to be qualified?

We expect to circulate a first working draft by September 2015 and to publish the Technical Report by February 2017.
We would appreciate any input regarding this initiative and will provide you with ongoing status reports and data as it becomes available.

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